Materials and methods

Evolutionary classification of *C. elegans* proteins. For classification of *C. elegans* proteins into "Ancient", "Multicellular", or "Worm" categories, reciprocal BLAST analysis was performed between the predicted proteome of *C. elegans* (WormBase Release WS100) and those of *S. cerevisiae* (SGD protein set updated Aug 8, 2003), *D. melanogaster* (FlyBase genome annotation Release 3.1 protein set), *H. sapiens* (human IPI v2.2), and *A. thaliana* (TIGR Release 4.0 protein set). *C. elegans* proteins that gave rise to reciprocal best hits with BLASTP e-values less than 1×10^{-6} with any of the three multicellular proteomes, but not with that of yeast, were classified as "Multicellular". Those with a match in the yeast proteome were classified as "Ancient". The remainder were classified as "Worm".

Bait selection. We selected a set of ~2,200 predicted proteins that have a clear homolog in the predicted human proteome, but not in the predicted yeast proteome. Another ~800 proteins were selected for which functional genomics data or literature-based information exists that suggests participation in functions specific to metazoans: the pharynx, embryogenesis, and innate immunity. Lastly, ~360 proteins were selected that may participate in mitosis or meiosis, biological processes that also occur in unicellular organisms but for which the outcome and context are different in multicellular organisms. This resulted in a set of 3,024 unique baits.

Bait plasmid construction. Individual plasmids containing desired ORFs in pDONR201 were retrieved from the ORFeome library (*1*) and transformed into *E. coli* strain DH5α in 96 well format. Up to 12 single colonies were isolated and colony PCR was performed to determine the size of the ORF inserts. Colonies containing ORFs of the correct size were pooled, and plasmid miniprep DNA was used in a Gateway LR recombination reaction (*2*) to transfer the ORFs to the yeast expression vector pPC97-Dest (*3*). Reactions were generally performed at 1/4 scale and allowed to proceed overnight. After transformation of resulting pDB-ORF recombinant plasmids into DH5α, plasmid miniprep DNA was prepared. Finally, ORF size was again confirmed by PCR on the miniprep DNA.

Transformation of pDB-ORFs into yeast cells and removal of auto-activators. DB-ORF plasmids were transformed into yeast strain MaV203 in 96 well format using standard high-throughput yeast transformation protocols (*4*). Auto-activators were identified by testing the activation of *GAL1::lacZ* and *GAL1::HIS3* on minimal medium lacking histidine but containing 20mM 3-amino-1,2,4-triazole (3-AT) in the absence of any AD-containing vector. Mild auto-activators that failed to grow on increased concentrations of 3-AT (40mM, 60mM or 80mM) were screened for Y2H interactions at the appropriate concentration.

AD-ORFeome 1.0 and AD-wrmcDNA libraries. The two Gal4 activation domain (AD-Y) libraries we used have distinct yet complementary advantages. The AD-ORFeome 1.0 library (generated by pooling all ~11,000 cloned ORFs from the ORFeome resource (*1, 5*)) has the advantage to be nearly 100% normalized but its use is limited by the fact that many biologically relevant protein-protein interactions cannot be detected in the Y2H assay when strictly using full-length proteins (*6, 7*). In contrast, AD-wrmcDNA (*3*) is not normalized, but it contains multiple AD-Y junction sequences for most genes, and so may encode multiple domain arrangements for each protein represented. The

combined AD-ORFeome 1.0 and AD-wrmcDNA libraries contain ~14,200 AD-Y fusions (after collapsing splice variants into single genes) (*1*).

Identification of interacting protein pairs. Bait strains containing a single pDB-ORF were individually transformed with the *C. elegans* AD-wrmcDNA (*3*) and AD-ORFeome1.0 libraries (*1*) as described (*4*). A minimum of 1.5 x 10^5 colonies were screened for each bait strain tested. After 4 to 5 days at 30^{o}C, single 3-AT resistant colonies were picked on synthetic complete medium lacking Leucine, Tryptophan, and Histidine and containing 20 mM 3-AT (SC, Leu-, Trp-, His-, 20 mM 3-AT) and then re-arrayed on fresh SC, Leu-, Trp-, His-, 20 mM 3-AT plates.

Phenotypic assays. Colonies able to grow on SC, Leu-, Trp-, His-, 20 mM 3-AT plates were tested for expression of three Y2H reporter genes *(GAL1::HIS3*, *GAL1::lacZ*, and *SPAL10::URA3*, described in detail in (*8*)) as described (*4*).

ORF insert sequencing. To prepare DNA for PCR, yeast colonies were resuspended in 15 µl lysis buffer (50 units zymolase in 0.1 M Na-Phosphate buffer pH 7.4) using toothpicks, and lysed by incubating for 10 min. at 37˚C and 10 min. at 95˚C. For each PCR, 0.3 µl of lysis mix was used. AD inserts were amplified using primers 5'-CGCGTTTGGAATCACTACAGGG and 5'-GGAGACTTGACCAAACCTCTGGCG (AD and TERM respectively). DB inserts were amplified using primers 5'-GGCTTCAGTGGAGACTGATATGCCTC (DB) and TERM. PCR products were sequenced using the AD or DB primers.

Removal of multiple bands. When multiple bands were visible on ethidium bromide stained gels following PCR amplification of the AD insert, yeast cells were cured of the contaminating AD plasmids by replica-plating to fresh SC, Leu-, Trp-, His-, 20 mM 3-AT plates every 3 days for 15 days (*9*). PCR was then performed as above to confirm the presence of a single band.

Retesting. Gap repair was used to retest yeast two-hybrid interactions as described (*4*).

Sequence trace analysis. The quality of the ISTs obtained by sequence analysis was determined by moving a sliding window of 10 base pairs along the sequence to define the portion of the IST that has an average PHRED score (*10, 11*) of 20 or higher. Sequences for which less than 15% of their length met this criterion were discarded. A nucleotide BLAST (*12*) search was performed against WormPep100 to determine the identity of the clone. Finally, the reading frame was obtained by local alignment of the 3' end of the Gal4 AD encoding sequence with the 5' end of the prey encoding sequence. A translation of the IST according to this reading frame was used to perform a protein BLAST search against WormPep100. If the nucleotide and protein BLAST agreed, the IST was considered "In Frame" and if they disagreed the IST was designated as "Unclear Frame".

Identification of "literature" interactions. To identify protein-protein interactions in the scientific literature, baits that have already been characterized, i.e. they have been assigned a three-letter gene name, were used for a gene-to-gene search of WormPD (*13*), collecting all published protein-protein interactions therein.

Identification of "interologs". The interolog list was generated by compiling interactions that occurred in at least two of the following four datasets: large-scale pull-down-MS (*14, 15*), yeast two-hybrid (*6, 16*), computational methods (gene co-occurrence, gene neighborhood and gene fusion (*17*)) and the curated MIPS complex list

(binary expansion format) (*18*). Redundancies were removed, and a union was made with the curated literature based on the one-at-a-time interactions. Using this filtered yeast interaction (FYI) dataset we searched for *C. elegans* interologs by matching each interaction partner with its worm ortholog, using a BLASTP e-value cut off of 1×10^{-6} and reciprocal best hit.

Transcriptome comparison. Pair-wise Pearson correlation coefficients (PCCs) were calculated based on Topomap *C. elegans* microarray expression data (*19*). Gene pairs with less than 100 shared experiments were excluded, as were the SL2 experiments (experiments 463, 546, 547, 548, 549) (T. Blumenthal, C. Link, S. Kim, pers. com.). Interactions that occur in both orientations were collapsed into a single interaction. Germline and proteasome interactions of the scaffold dataset were not included because these are strongly biased for coexpressed pairs, and would therefore skew the resulting PCC values. For each dataset, we generated 100 corresponding randomized datasets by keeping the bait proteins and selecting their interaction partners randomly from the search space, which can be defined as all the proteins in the Y2H library for the scaffold, Core and First-Pass datasets and all the proteins in the predicted *C. elegans* proteome for the literature dataset.

Plotting of interaction networks. Protein interaction maps were generated using Leda Graphwin (version 1.7, http://www.algorithmic-solutions.com/enleda.htm) or Cytoscape (version 1.1, http://www.cytoscape.org) graph drawing software.

Small World Analysis. Clustering coefficient was computed as 3 times the number of triangles divided by the number of paths of length 2. Characteristic path length was computed as the average length of the smallest path between any 2 connected nodes. Diameter is the length of the shortest path between 2 connected nodes that are furthest apart. To determine the expected values of these statistics, we computed each statistic and its standard deviation on 1000 randomly generated networks (see below). The average mutual clustering coefficient (*20*) of the Core interactome network is 0.65. This is distinctly higher from the mean of 0.20 for randomized networks. In addition, this network has a short characteristic path length (L=4.9), i.e., the average length of the shortest path between any pair of proteins is about what one would expect in a Erdös-Réniy random network (Lr=4.5) (*20*). Densely connected neighborhoods and short characteristic path length make the *C. elegans* interactome a small-world network (*21*).

Production of Randomized Networks for Analysis of Network Topology

For the characteristic path length and network cohesiveness analysis, we modified a method described in (*22*) ("Algorithm B") to generate random protein networks. To control for the scale-free nature of the network and for the fact that only a subset of protein pairs were tested for interaction in this study, the method was modified to preserve several properties of the observed network: the number of baits, the number of prey, the degree distributions of baits and of prey. Furthermore, no edges were allowed between proteins used only as prey.

Degree Distribution Analysis. Nodes were grouped into 8 bins, and their average degree was plotted against the proportion of interactions with this degree. There is an intrinsic difference between the degree distribution of bait proteins and that of proteins only found as preys. Bait proteins were tested against ~14,000 possible interaction partners, while prey-only proteins could only have been observed interacting with the bait proteins, limiting their degree. Therefore, the two sets of proteins were treated independently.

Generation of a random set of interactions for co-AP. Baits were sorted alphabetically and for each of the baits the respective preys were alphabetically sorted. From this list the first bait-prey pair for which there was an available full length ORF was chosen for the co-AP assay. For each of the baits a single interaction was chosen for co-AP so that we could maximize the number of different proteins examined. This procedure was done for the Core-1 Core-2 and Non-core datasets.

Confirming interacting protein pairs by co-AP. Entry clones corresponding to selected interacting protein pairs were retrieved from the ORFeome library. Entry clones of bait proteins were LR cloned into pDEST-27, containing the GST coding sequence upstream of the Gateway recombination site, while Entry clones of prey proteins were LR cloned into pDEST-CMV-myc, which contains the myc tag upstream of the Gateway recombination site. Both vectors express their relative fusion proteins from the CMV promoter. Plasmids were transfected into 293T cells using Lipofectamin 2000 reagent according to manufacturers instructions (Invitrogen). Cells were cultured for 2 days in DMEM medium, and lysed in 0.1% NP-40 buffer (50 mM Tris-HCl, pH 7.5, 150 mM NaCl, 1 mM EDTA and Complete protease inhibitors (Amersham)). Lysates were cleared by centrifugation at 14,000xg, before purification of protein complexes using glutathione sepharose beads. Purified complexes and control lysate samples were separated on Nu-PAGE acrylamide gels (Invitrogen), and Myc and GST tagged proteins were detected using standard immunoblotting techniques. Antibodies used were mouse monoclonal anti-Myc (clone 9E10) and rabbit polyclonal anti-GST from Sigma.

Fig. S1. Decision tree used to assign a confidence level to Y2H interactions. Interaction sequence tags (ISTs) from the AD-Y sequences were searched against the WS100 version of WormPep (*23*) using BLAST. ISTs of good quality (PHRED score of $\geq$ 20 over $\geq$ 15% of the length of the ISTs) that matched a predicted ORF (E-value $\leq 1 \times 10^{-10}$) were interrogated as follows. i) Was the Y sequence fused in frame with AD ("ORF in frame with AD for $\geq$ 1 trace per interaction")? ii) Was the same AD-Y prey identified by 3 or more ISTs together with the same DB-X bait ("$\geq$3 hits?")? iii) When the AD-Y was retransformed into fresh DB-X containing yeast cells, did it successfully activate at least two Y2H reporter genes ("retest")? iv) Did the product of AD-Y PCR amplification showed multiple bands on agarose gels ("multiple PCR bands?") (*9*)? Based on how ISTs matched these criteria, they were divided into three categories category "Core-1" (having the highest level of confidence), "Core-2" and "Non-Core". Categories "Core-1" and "Core-2" were subsequently combined to generate the "Core" set of interactions.

Figure S1

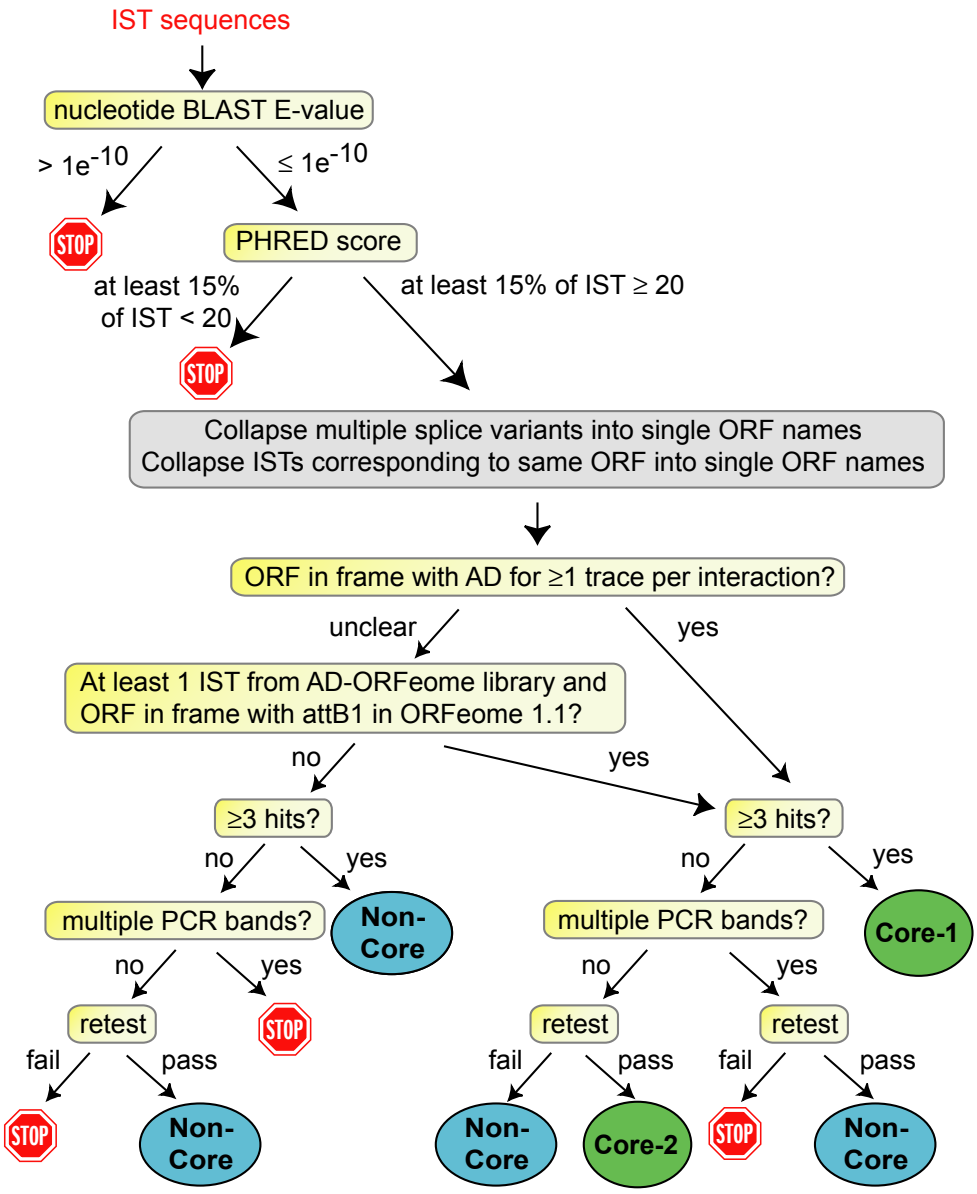
IST sequences
nucleotide BLAST E-value
> 1e-10
≤ 1e-10
STOP
PHRED score
at least 15% of IST < 20
at least 15% of IST ≥ 20
STOP
Collapse multiple splice variants into single ORF names
Collapse ISTs corresponding to same ORF into single ORF names
ORF in frame with AD for ≥1 trace per interaction?
unclear
yes
At least 1 IST from AD-ORFeome library and ORF in frame with attB1 in ORFeome 1.1?
no
yes
≥3 hits?
≥3 hits?
no
yes
no
yes
multiple PCR bands?
Non-Core
multiple PCR bands?
Core-1
no
yes
no
yes
retest
STOP
retest
retest
fail
pass
fail
pass
fail
pass
STOP
Non-Core
Non-Core
Core-2
STOP
Non-Core

Table S1. Comparison of WI5 with yeast HT-Y2H dataset (*6, 16*).

	Uetz *et al.* (array)	Uetz *et al.* (library)	Ito *et al.*	Core & Non-Core	Literature	Interologs	Scaffold	WI5
DB-X baits tested	192	5,345	~6,000	1,873	NA	NA	NA	NA
AD-Y tested	~6,000	5,341	~6,000	14,266	NA	NA	NA	NA
Autoactivator baits	NA	680	NA	81	NA	NA	NA	NA
Baits with interactors	87	817	NA	729	NA	NA	NA	NA
Total Interactions	281	692	4,549	4,027	108	949	517	5,534
Considered higher quality	281	472	1,533	2,135	108	949	517	3,648

Table S2. Confirmation of Y2H interactions by co-AP

Core-1

INTERACTION		EXPRESSION		
BAIT	PREY	GST-BAIT	Myc-PREY	Pull-down
F10B5.6 (65.6)	B0511.9 (17.5)	+	+	+
W07B3.2 (57)	T09A5.2 (59.9)	-	+	-
E01A2.1 (27.7)	F37B12.2 (64.7)	+	+	+
W03G9.4 (61.7)	CC8.1 (17.2)	+	+	+
E04F6.3 (29.9)	E04F6.3 (29.9)	+	+	+
T07D4.2 (34.3)	F32G8.6 (22.4)	+	+	+
R09H10.3 (12.2)	R09H10.3 (12.2)	+	+	+
F25H5.3 (56.3)	F44G3.9 (36)	-	+	-
F31E3.2 (45.1)	C06A5.9 (40.9)	-	-	-
Y55B1BR.3 (68)	C13F10.7 (22.3)	-	-	-
C49A1.4 (47)	C32E8.10 (68.5)	+	+	+
Y119C1B.8 (85.2)	Y37E11AR.2 (42)	+	+	+
F10B5.2 (35.8)	R05D3.4 (83.5)	+	-	-
B0286.3 (42.4)	B0286.3 (42.4)	+	+	+
C04C3.2 (43.8)	DY3.2 (56.7)	-	-	-
T09A5.2 (59.9)	K08E7.2 (8.1)	+	+	+
F35G12.1 (36.1)	Y65B4BR.4 (81.8)	-	-	-
F54C8.3 (101.1)	C38D4.6 (20.9)	+	+	+
T17H7.4 (61)	F01G10.5 (82.5)	-	+	-
Y63D3A.4 (36.3)	Y57A10A.8 (50.9)	+	+	-
M01E11.2 (54.5)	C06A5.9 (40.9)	-	+	-
F31C3.2 (80.6)	F23B12.5 (50.8)	-	-	-
C53D6.6 (61.6)	T07C4.1 (49.8)	-	-	-
C01B10.8 (65.7)	Y113G7B.23 (79)	+	+	+
W06D4.6 (81.9)	F53F10.5 (80.6)	ND	-	-
ZK1128.2 (49.6)	R119.4 (71.3)	ND	+	ND
Y65B4A.7 (15.7)	B0024.14 (88.5)	ND	+	+
C55B7.4 (42.8)	F07A5.7 (88.3)	ND	-	-
T01B7.8 (16.5)	B0024.14 (88.5)	ND	+	-
R06B9.1 (42.8)	F15C11.2 (50.3)	ND	-	-
R166.2 (61.9)	T07C4.1 (49.8)	ND	+	-
C32H11.5 (19.5)	R05F9.10 (33.8)	ND	+	+
Y62E10A.16 (49.7)	C27B7.4 (127.5)	+	-	-

Non-Core

INTERACTION		EXPRESSION		
BAIT	PREY	GST-BAIT	Myc-PREY	Pull-down
W06D4.6 (81.9)	F37A4.1 (48.3)	-	-	-
T09A5.2 (59.9)	R03D7.7 (31.2)	-	-	-
F19H6.1 (29.5)	W08D2.8 (53.5)	+	+	-
ZK1128.2 (49.6)	R07B7.2 (71.1)	+	+	-
K11D9.1 (74.8)	F38A3.2 (30.7)	+	+	-
K08E3.7 (35.8)	C36E8.5 (45.1)	+	+	-
Y110A7A.17 (78.9)	W02B12.2 (28.2)	-	+	-
C18A3.2 (29.6)	R05F9.10 (33.8)	-	+	+
B0238.12 (16.7)	R05F9.10 (33.8)	-	+	+
C53C7.1 (36.6)	C29F4.1 (30)	-	+	-
Y56A3A.21 (16)	C23G10.3 (24.8)	-	+	-
R13A5.8 (19)	C54D1.2 (16.7)	-	-	-
Y17G7B.15 (75.3)	Y38H8A.2 (25.6)	+	+	+
W07E6.4 (65.6)	T24E12.6 (33.3)	-	+	-
Y75B8A.30 (33.4)	F25B3.5 (36.2)	+	+	-
T28A8.1 (39.4)	C11E4.6 (112.6)	-	+	-
C23G10.8 (75.9)	C17H12.9 (46)	+	+	+
Y32H12A.4 (21.2)	R09A1.2 (41.5)	+	-	-
F47G4.4 (72.3)	C32F10.6 (36)	+	+	+
Y53F4B.22 (37.6)	Y105C5B.14 (20.5)	+	+	-
T28C12.4 (65.9)	Y49E10.1 (41.7)	-	+	+
T23C6.5 (40.9)	C18A11.1 (12)	-	+	-
ZK632.12 (26.7)	Y116F11A.1 (18.1)	+	+	-
T01G9.5 (47.3)	Y48G8AL.8 (18.8)	+	+	-
C07G2.3 (54.3)	F13B12.4 (43.6)	+	-	-
R08D7.3 (57.1)	H06I04.1 (47)	+	+	+
R06B10.4 (90)	Y77E11A.7 (65.8)	-	-	-
F31E3.2 (45.1)	T11B7.1 (44.6)	-	+	-
F54C8.3 (101.1)	F52H3.7 (126.3)	+	+	+
F08B6.3 (31.4)	T08G5.5 (92.4)	-	-	-
Y57A10A.23 (18.7)	R05D8.8 (28)	+	-	-
F42G2.3 (36)	F29G6.3 (193)	+	-	-
R07B1.4 (22.9)	Y42H9AR.1 (16.5)	+	+	-
C07H6.5 (43.1)	F46H5.3 (37.8)	+	+	-
F39H2.4 (18.5)	AH6.2 (33)	-	+	-
ZC455.3 (52.7)	F53C11.8 (38.9)	-	+	-
T10F2.4 (51)	ZK1098.4 (30.6)	+	+	-
ZK1307.8 (50.8)	ZC434.2 (19.5)	-	+	-
C18C4.3 (52.7)	Y39A1A.7 (18.8)	-	+	-
K06H7.6 (34.8)	C39D10.7 (113.2)	+	-	-
F10C5.1 (53.7)	F52D10.3 (24.9)	+	+	+
Y110A7A.13 (32.2)	F43G9.5 (22.8)	+	+	-
Y53F4B.33 (21)	T23G5.1 (78.9)	+	+	+
ZK892.1 (29.8)	C14F11.4 (33.7)	+	+	-
F41G4.1 (27.2)	D1037.1 (78.7)	+	+	-
C24A3.2 (7.4)	C47D12.6 (72.6)	+	-	-
C30C11.2 (50.5)	Y119D3B.15 (8.3)	+	+	+
F46G11.1 (56.7)	K09B11.9 (87.9)	+	+	-

Core-2

INTERACTION		EXPRESSION		
BAIT	PREY	GST-BAIT	Myc-PREY	Pull-down
Y75B8A.30 (33.4)	F10C1.2 (55.9)	+	+	-
K06H7.6 (34.8)	F08B6.4 (56.6)	+	-	-
W03D8.8 (46.9)	F59A2.1 (86.1)	+	+	-
T22D1.12 (39.2)	F32G8.6 (22.4)	-	+	-
F42G8.3 (44.9)	B0547.1 (36.9)	-	-	-
T04H1.2 (58.9)	W03F9.10 (60.3)	+	+	+
F57B10.12 (28.1)	ZC328.4 (40.5)	-	-	-
B0496.7 (8.5)	C17H12.1 (64.4)	+	+	-
C08F8.8 (41.7)	H19N07.1 (57.4)	+	+	-
Y15E3A.1 (66.2)	T09A5.2 (59.9)	+	-	-
Y17G7B.14 (36.5)	K04H4.2 (74)	+	-	-
F44G4.4 (41.2)	C25A1.4 (45.5)	+	+	+
F10C5.1 (53.7)	F25H2.11 (18.2)	ND	+	+
Y110A7A.10 (56.8)	C34E10.6 (53.9)	ND	+	-
Y57G11C.24 (73.3)	W05H7.4 (62.3)	+	+	ND
R08D7.3 (57.1)	K09B11.9 (87.9)	+	+	+
Y39E4A.2 (39.2)	K08E7.5 (122.2)	+	-	-
Y48G1C.1 (44)	R151.2 (37.8)	+	+	-
Y53F4B.33 (21)	F54B11.6 (18.4)	+	+	+
F40F8.8 (44.3)	C16C4.4 (27.9)	-	+	-
C18H9.7 (59.7)	R06C1.3 (50.8)	+	+	-
K08D10.7 (30.2)	F37C4.5 (55.7)	+	+	+
Y54E5A.1 (30)	T18D3.7 (10.3)	-	+	-
F35E8.12 (33.9)	T12E12.4 (70.6)	-	-	-
B0507.1 (64.4)	F27C1.7 (20.8)	-	+	-
Y71H10A.2 (53.7)	F17E9.5 (18.5)	+	+	-
C24A3.2 (7.4)	R05F9.10 (33.8)	+	+	+
R06B10.4 (90)	Y59A8B.22 (60.7)	+	+	+
B0303.9 (57.7)	R07H5.8 (34.3)	+	+	+
K10C3.6 (47.8)	Y38E10A.18 (35.8)	+	+	-
ZK892.7 (20.3)	ZK1053.5 (26.6)	-	+	-
ZK1067.7 (31.5)	R05F9.10 (33.8)	-	+	+
Y81G3A.3 (169.7)	Y75B8A.1 (26.3)	-	+	-
Y37A1B.13 (41.3)	C38D4.6 (20.9)	-	-	-
M02A10.3 (58.3)	F56F12.1 (17.2)	-	+	ND
C54F6.8 (35)	F53F10.5 (80.6)	+	-	-
F18E2.3 (109.7)	W02A2.6 (78.2)	-	-	-
C34D10.1 (20.6)	C02F12.4 (66.6)	+	-	-
F11G11.2 (20.7)	Y75B8A.1 (26.3)	+	+	-
T04A8.11 (22)	C38D4.6 (20.9)	-	+	-
M01F1.4 (84.5)	Y23H5A.4 (38.1)	+	+	+
Y110A7A.17 (78.9)	F52D10.3 (24.9)	-	+	+
ZK546.11 (21.4)	W07G4.3 (82.1)	+	+	-
F42G2.3 (36)	F38A5.7 (17)	+	+	+
C47D12.2 (69)	T20F10.1 (90.9)	+	-	-
Y51H4A.8 (57.6)	ZK546.8 (34)	-	+	-
ZK858.4 (39.6)	C49H3.5 (81.3)	-	+	+
F44G3.9 (36)	K08E3.7 (35.8)	-	+	-
W04D2.1 (92.1)	F32D1.1 (59.5)	+	+	-
T22B2.4 (24.9)	R74.5 (40.5)	+	+	+
Y105C5B.13 (19.3)	Y77E11A.5 (27.4)	+	-	-
R144.1 (92.9)	C38D4.6 (20.9)	-	-	-
B0041.6 (12.7)	B0041.6 (12.7)	+	+	+
Y40B1B.6 (77.1)	R06C1.3 (50.8)	+	+	+
F54C9.11 (32.9)	C52B11.2 (27.3)	+	+	ND
ZK892.1 (29.8)	F26F2.3 (28.4)	+	+	+
ZC482.5 (50)	Y75B8A.1 (26.3)	-	+	-
Y51H4A.17 (70.4)	F37C4.5 (55.7)	+	+	+
F44E7.9 (12.2)	C38D4.6 (20.9)	+	-	-
D1054.13 (48.2)	ZK632.6 (62)	+	-	-
B0024.14 (88.5)	C02C2.1 (60.2)	+	-	-
ZK1098.5 (18.2)	R102.5 (43.2)	+	+	+

The table lists the names of ORFs corresponding to the representative samples of interaction pairs for which we performed co-APs. The table is divided into 3 lists, Core-1 (top left list), Core-2 (right list), and Non-Core (bottom left list). Listed are the bait and prey proteins with the predicted molecular weight in parentheses. + signs indicate whether they were successfully expressed ("Expression" columns) or if the baits and preys co-purify through GST pull-down ("Pull-down" column). ND = Not Determined. The yellow color highlights pairs for which both bait and prey were successfully expressed. Several samples for which GST-BAIT expression was not determined due to technical difficulties were counted as positive, because at most we might underestimate the number of positives. The magenta color highlights successful co-AP interactions where both the bait and prey are expressed. Pairs for which pull-down was not performed (ND) were disregarded altogether. Pairs in green are presented in Fig. 1.

Table S3. Overlap between the Interactome, Phenome and Transcriptome datasets

Class 1: High PCC and shared phenotype

BAIT	PREY
C07H6.5	F46A9.4
C08B11.1	C38D4.6
C34E10.2	B0207.6
C45G9.5	M176.2
F18E2.3	F10G7.4
F23H12.2	F54F2.8
F26B1.2	C36B1.5
F31C3.2	F32E10.4
F31C3.2	K12C11.2
F31E3.3	C39E9.13
F37C12.11	B0393.1
F44A6.2	H02I12.5
F53A3.3	T07C4.1
F56F3.5	T07C4.1
F57B10.12	T01G9.5
F58A4.8	C38D4.6
K01G5.4	B0393.1
K01G5.4	F59A2.1
K07C11.2	C38D4.6
K08B4.1	F26B1.3
K08B4.1	Y11D7A.12
M04F3.1	F18A1.5
M04F3.1	T20G5.1
R05H5.3	Y11D7A.12
R12B2.4	C38D4.6
T01G9.5	ZK858.4
T05C12.6	C17E7.4
T05C12.6	C27A2.6
T05C12.6	F28D1.2
T05C12.6	Y45F10D.9
T05G5.3	C38D4.6
T05H4.14	T08G5.5
T26A5.9	K12C11.2
W01B6.9	R12B2.4
W09D10.3	T07C4.1
Y65B4BR.5	C56C10.8
ZK652.1	C52E4.3
ZK858.4	C38D4.6

Class 2: High PCC only

BAIT	PREY
C01F6.1	T22A3.3
C03A7.4	F29C12.1
C03A7.4	F30H5.3
C03A7.4	T01D1.6
C03A7.4	ZK1067.7
C07H6.5	C06A5.3
C07H6.5	R05D11.8
C08B11.9	K02F2.2
C18C4.10	R05D3.7
C23H3.3	F29G9.2
C27B7.1	B0336.7
C49A1.4	K08F8.2
C49A1.4	W10C8.2
C50C3.8	C27B7.4
C50C3.8	ZK1055.1
C56G2.7	C08B11.7
C56G2.7	C23G10.4
D1037.3	C54F6.14
D2013.2	ZK40.1
D2013.6	Y65B4BR.4
E01A2.1	F25H9.6
E02H1.7	K08H2.8
F13B10.1	Y37E11AR.2
F14F3.1	B0513.1
F14F3.1	C52B11.2
F14F3.1	K09B11.9
F19B6.2	F59E12.4
F23C8.4	C41C4.8
F26B1.2	F59E12.4
F28E10.3	T28C6.7
F35A5.3	C37C3.6
F35A5.3	F30H5.3
F35A5.3	K08E7.5
F35H8.5	F46A9.6
F35H8.5	T21G5.5
F38A6.1	K08F8.2
F38A6.1	M04G12.1
F38A6.1	T07D1.4
F38A6.1	W04D2.1
F44G4.4	C25A1.4
F56A12.1	C49A1.4
F56A8.6	F25B5.7
F57B10.12	ZC328.4
F58A4.8	C45G3.3
H12C20.2	T28A8.7
K01G5.4	T24F1.2
K06H7.4	F30F8.3
K07C11.2	F37A4.9
K08B4.1	T22A3.3
K08D10.8	R02F2.5
K08E3.7	Y53H1A.2
K08F11.3	Y54E5A.4
K09B11.9	W08E3.3
K09B11.9	Y63D3A.5
K11D9.1	W10D9.4

BAIT	PREY
M7.2	C10H11.10
R02F11.1	F42E11.4
R03G5.2	T23H2.2
R06B9.3	F32E10.4
R06B9.3	F35F10.12
R07E4.6	C18B2.5
R07E4.6	ZK662.3
R08D7.3	F42A10.5
R08D7.3	K09B11.9
R09B5.5	F53B3.3
R09B5.5	R09F10.7
T01C8.1	F58E6.10
T01D1.6	C03A7.14
T01D1.6	R09B5.5
T01D1.6	T23F1.6
T01G9.2	F56C9.10
T04H1.2	F26G5.9
T05C12.6	B0336.7
T05C12.6	F29G9.2
T05C12.6	F37A4.9
T05C12.6	K04D7.2
T05C12.6	Y57G11C.9
T05G5.10	K07A1.1
T11B7.4	C06E7.4
T11B7.4	C14B9.6
T11B7.4	F53B3.3
T11B7.4	W05H7.4
T16G1.11	C17G10.9
T17H7.4	C52B11.2
T17H7.4	F01G12.6
T17H7.4	F42A6.9
T17H7.4	F54D5.15
T17H7.4	F59C12.3
T17H7.4	T11B7.4
T17H7.4	W05H7.4
W08F4.8	W02G9.2
Y18D10A.5	T12G3.1
Y18D10A.8	F44A2.5
Y18D10A.8	R04A9.4
Y18D10A.8	R186.5
Y2H9A.1	Y39B6A.1
Y37D8A.10	T07C4.1
Y39E4A.3	C04C3.3
Y54G9A.6	R06C7.8
Y54G9A.6	Y53C10A.6
Y54G9A.6	Y57G11C.9
Y54G9A.6	ZK328.5
Y69A2AR.30	F29G9.2
ZC504.4	T28C6.7
ZK1058.4	R05F9.10
ZK1067.7	F30H5.3
ZK1098.10	C18C4.10
ZK632.12	C13F10.7
ZK849.2	M04G12.1

Table S3.

Class 3: Shared phenotype only

BAIT	PREY
B0024.14	C37C3.6
B0024.14	F48E8.1
B0464.5	H02I12.5
C07H6.5	B0250.1
C07H6.5	C09F5.2
C07H6.5	C27F2.8
C16A3.8	C38D4.6
C23G10.3	T23D8.3
C28H8.12	C34E10.6
C28H8.12	F10C1.2
C28H8.12	K04D7.1
C28H8.12	T27E9.1
C28H8.12	Y53F4B.22
C34E10.2	Y75B8A.14
C34E10.6	F28D1.2
C45G3.1	T21H3.3
F09E5.1	T26E3.3
F10B5.6	B0511.9
F10C5.1	C38D4.6
F18E2.3	W02A2.6
F22B7.13	C26C6.2
F26B1.2	Y48B6A.3
F29F11.1	K12C11.2
F31C3.2	F20G4.3
F31C3.2	F23B12.5
F31E3.2	H14N18.1
F31E3.2	T28F12.2
F32E10.4	C53D5.6
F35G12.9	B0547.1
F35G12.9	K06H7.6
F43C1.2	B0547.1
F43C1.2	C06A8.5
F43C1.2	F59A2.1
F43C1.2	T02E1.3
F43C1.2	T27F2.1
F53G2.6	K01G5.4
F54C8.3	C38D4.6
F58A4.8	F57B10.10
F59A2.4	C02F5.9
F59E12.2	H28O16.1
H04J21.3	C38D4.6
H04J21.3	F52C6.3
H20J04.5	C38D4.6
K01G5.4	C49H3.11
K01G5.4	F26E4.8
K01G5.4	Y38A10A.5
K01G5.4	Y71F9AL.13
K06H7.6	C38D4.6
K07C11.2	C47G2.5
K07C11.2	Y39G10AR.12
K08B4.1	F32E10.4
K08B4.1	M117.2
M03D4.1	F25B5.4
R07E4.6	Y102A11A.3
R08D7.3	Y82E9BR.13
R08D7.3	ZK930.3
R09B3.5	R07E5.14
R12B2.1	W08D2.4
R13F6.9	Y41D4B.19
R151.9	H20J04.5
T01G9.5	B0041.4
T04A8.11	C38D4.6
T05C12.6	C06G3.6
T05C12.6	H15N14.2
T05C12.6	Y54E2A.3
T05C12.6	Y57G11C.24
T05C12.6	Y77E11A.7
T05C12.6	ZK512.5
T05H4.14	F23B12.5
T10C6.5	C07G2.3
T11B7.4	F28C6.2
T11B7.4	Y57G11C.24
T12D8.7	Y46G5A.31
T17H7.4	AH6.5
T17H7.4	B0336.6
T17H7.4	C06A8.5
T17H7.4	C07E3.1
T17H7.4	C17E7.4
T17H7.4	C27A2.6
T17H7.4	F28D1.2
T17H7.4	F52B10.1
T17H7.4	F57B9.7
T17H7.4	K12F2.1
T17H7.4	T01G9.6
T17H7.4	T05C12.6
T17H7.4	T07F8.3
T17H7.4	W10G6.3
T17H7.4	Y42G9A.1
T17H7.4	Y46G5A.31
T17H7.4	Y54E2A.3
T17H7.4	Y57G11C.24
T17H7.4	Y73B6BL.33
T17H7.4	Y77E11A.7
T17H7.4	Y82E9BR.13
T17H7.4	ZK1248.10
T26A5.9	C38D4.6
T26A5.9	R10D12.14
T26A5.9	T20G5.1
W01B6.9	R13A5.8
W06F12.1	F18A1.3
W06F12.1	K01G5.7
W06F12.1	T17H7.4
W06F12.1	Y11D7A.12
W06F12.1	Y57G7A.5
W07B3.2	AH6.5
W07B3.2	B0464.5
W07B3.2	C06A8.5
W07B3.2	C17E4.5
W07B3.2	C17E7.4
W07B3.2	C27A2.6
W07B3.2	F07A5.7
W07B3.2	F10C1.2
W07B3.2	F18A1.3
W07B3.2	F28D1.2
W07B3.2	F32E10.4
W07B3.2	F57B9.7
W07B3.2	H02I12.1
W07B3.2	T01G9.6
W07B3.2	T05C12.6
W07B3.2	T23D8.3
W07B3.2	W04A8.7
W07B3.2	Y42G9A.1
W07B3.2	Y46G5A.31
W07B3.2	Y54E10BR.8
W07B3.2	Y54E2A.3
W07B3.2	Y57G11C.24
W07B3.2	Y77E11A.7
W07B3.2	ZK512.5
W07B3.2	ZK930.3
W07E6.4	F11A10.2
W07E6.4	T13H5.4
W07E6.4	ZK930.3
W08F4.8	C47E8.5
Y106G6H.14	F13B10.2
Y39G10AR.13	B0207.4
Y43F4B.5	C38D4.6
Y53F4B.22	H20J04.5
Y55B1BR.3	C13F10.7
Y59A8A.1	B0025.2
Y65B4BR.5	F49E8.7
Y79H2A.11	T05C12.6
Y79H2A.11	T09F3.3
ZK1067.7	C37C3.6
ZK1098.5	T05G5.6
ZK858.4	C49H3.5
ZK858.4	K12C11.2
ZK858.4	R12B2.5
ZK858.4	Y105C5A.1

Shown is a list of Y2H Core interaction pairs for which additional evidence is available. Class 1 corresponds to 38 interactions between genes that share similar expression profiles and phenotypes. Class 2 corresponds to 109 interactions between genes that share similar expression profiles. Class 3 corresponds to 148 interactions between genes that share similar phenotypes.

Table S4. The 100 protein pairs with the highest mutual clustering coefficient.

	Identity*		No. of Neighbors			
Rank	Protein A	Protein B	Protein A	Protein B	Shared	Mutual Clustering Coefficient
1	T17H7.4	W07B3.2	107	187	43	55.62
2	C49A1.4	F14F3.1	74	44	21	51.72
3	C49A1.4	W03D8.8	74	8	8	29.55
4	F14D12.2	R09B5.5	7	46	7	29.32
5	T22A3.3	Y40C5A.1	19	7	6	28.96
6	F38B2.1	W10G6.3	7	7	5	28.87
7	F53B3.3	F57G12.2	5	11	5	28.82
8	C27B7.4	D1046.1	15	9	6	28.17
9	F14F3.1	W03D8.8	44	8	7	27.59
10	C16B8.3	D1046.1	7	9	5	27.08
10	F59C6.5	Y40C5A.1	9	7	5	27.08
12	C23H3.3	Y17G7B.14	6	11	5	27.03
13	C17G10.5	Y22F5A.4	5	4	4	27.01
13	C02F12.8	T01G9.6	4	5	4	27.01
15	D1046.1	T22A3.3	9	19	6	26.49
16	T05C12.6	W07B3.2	78	187	25	26.45
17	F44B9.6	ZK678.1	29	12	7	26.21
18	F35H8.5	T22B2.4	13	6	5	26.01
19	AH6.5	F59E12.9	4	6	4	25.91
20	F38B2.1	Y54E2A.3	7	11	5	25.78
21	Y44E3A.6	Y79H2A.1	5	19	5	25.60
22	C03A7.4	T01D1.6	43	33	10	25.51
23	F46A9.6	T21G5.5	4	7	4	25.06
24	F14F3.1	T17H7.4	44	107	15	24.89
25	C39D10.7	F57G12.2	19	11	6	24.79
26	F53B3.3	ZK512.5	5	6	4	24.30
27	T01D1.6	T23F1.6	33	9	6	24.08
28	C27A2.6	F28D1.2	9	11	5	23.99
29	C16B8.3	C27B7.4	7	15	5	23.91
30	R09B5.5	T11B7.4	46	92	14	23.64
31	F14F3.1	W07B3.2	44	187	18	23.59
32	F07A5.7	F33G12.5	7	5	4	23.46
32	F33G12.5	F38B2.1	5	7	4	23.46
34	H06I04.1	Y57G11C.24	10	11	5	23.30
35	C02F12.8	Y119C1A.1	4	10	4	23.27
36	T05C12.6	T17H7.4	78	107	18	22.78
37	C03A7.14	C17G10.5	8	5	4	22.76
37	AC3.3	C03A7.14	5	8	4	22.76
39	F44B9.6	T17H7.4	29	107	12	22.71
40	Y54E2A.3	Y57G11C.24	11	11	5	22.70
41	C16B8.3	T22A3.3	7	19	5	22.56
42	B0024.14	F35A5.3	41	8	6	22.48
43	F07A5.7	F10C1.7	7	6	4	22.36
44	K08D10.7	Y50E8A.9	9	5	4	22.17
44	C09G1.4	D1046.1	5	9	4	22.17
46	W02G9.2	Y42H9AR.1	50	12	7	22.09
47	W04A8.6	Y43H11AL.1	3	3	3	22.06
48	T21B6.3	Y69H2.3	13	11	5	21.68
49	T01G9.6	Y119C1A.1	5	10	4	21.66
50	Y119C1A.1	Y44E3A.6	10	5	4	21.66

* Protein pairs used in this analysis were derived from Core, Non-Core and Scaffold datasets.

Table S5. WI5 interactions list

Bait	Prey	AD-wrmcDNA	AD-ORFeome	ADgORF	Matrix	Literature	Other	Dataset
AC7.2	W07G4.5	1	0	0	0	0	0	SCAFFOLD
AC7.2	ZK792.6	0	0	0	1	0	0	SCAFFOLD
AC8.1	ZC302.1	1	0	0	0	0	0	SCAFFOLD
B0024.12	B0365.1	2	0	0	0	0	0	CORE_2
B0024.12	C25F6.2	2	0	0	0	0	0	CORE_2
B0024.12	C38D4.6	1	0	0	0	0	0	CORE_2
B0024.12	W02G9.2	1	0	0	0	0	0	NON_CORE
B0024.14	B0024.14	0	5	0	0	0	0	CORE_1
B0024.14	B0507.1	1	0	0	0	0	0	CORE_2
B0024.14	C02C2.1	1	0	0	0	0	0	CORE_2
B0024.14	C34G6.2	2	0	0	0	0	0	CORE_2
B0024.14	C37C3.6	11	0	0	0	0	0	CORE_1
B0024.14	C54D2.2	0	1	0	0	0	0	NON_CORE
B0024.14	F08C6.1	1	0	0	0	0	0	CORE_2
B0024.14	F16B4.5	0	1	0	0	0	0	NON_CORE
B0024.14	F23B12.3	0	1	0	0	0	0	CORE_2
B0024.14	F29G6.3	1	0	0	0	0	0	NON_CORE
B0024.14	F30H5.3	3	0	0	0	0	0	CORE_1
B0024.14	F41H10.8	1	0	0	0	0	0	NON_CORE
B0024.14	F42D1.2	1	0	0	0	0	0	NON_CORE
B0024.14	F48E8.1	2	0	0	0	0	0	CORE_2
B0024.14	F53A9.1	0	6	0	0	0	0	CORE_1
B0024.14	F53A9.2	0	19	0	0	0	0	CORE_1
B0024.14	F54A3.1	1	0	0	0	0	0	NON_CORE
B0024.14	F54B11.7	0	2	0	0	0	0	CORE_2
B0024.14	F56B3.2	1	0	0	0	0	0	NON_CORE
B0024.14	F58E6.3	0	2	0	0	0	0	CORE_2
B0024.14	K07C11.7	1	0	0	0	0	0	NON_CORE
B0024.14	K08E7.5	0	38	0	0	0	0	CORE_1
B0024.14	R02F11.1	1	0	0	0	0	0	NON_CORE
B0024.14	R05G6.7	0	1	0	0	0	0	NON_CORE
B0024.14	T01B7.8	0	5	0	0	0	0	CORE_1
B0024.14	T04C12.6	1	0	0	0	0	0	CORE_2
B0024.14	T21B6.3	8	0	0	0	0	0	CORE_1
B0024.14	T21D12.11	0	4	0	0	0	0	CORE_1
B0024.14	T22F7.3	2	0	0	0	0	0	CORE_2
B0024.14	T22H2.5	1	3	0	0	0	0	CORE_1
B0024.14	W03G1.5	2	1	0	0	0	0	CORE_1
B0024.14	Y39B6A.1	5	0	0	0	0	0	NON_CORE
B0024.14	Y64G10A.7	1	0	0	0	0	0	CORE_2
B0024.14	Y69H2.10	0	1	0	0	0	0	CORE_2
B0024.14	Y69H2.3	13	51	0	0	0	0	CORE_1
B0024.14	ZC434.2	1	0	0	0	0	0	NON_CORE
B0024.14	ZK1067.7	1	0	0	0	0	0	CORE_2
B0024.14	ZK849.2	1	0	0	0	0	0	NON_CORE
B0025.1	ZK930.1	0	0	0	0	0	1	INTEROLOG
B0034.3	C17F4.7	1	0	0	0	0	0	NON_CORE
B0034.3	R05F9.10	3	3	0	0	0	0	CORE_1
B0035.2	F26E4.8	1	0	0	0	0	0	NON_CORE
B0035.2	R05F9.10	1	0	0	0	0	0	NON_CORE
B0041.4	B0250.1	0	0	0	0	0	1	INTEROLOG
B0041.4	F28C6.7	0	0	0	0	0	1	INTEROLOG
B0041.4	T24B8.1	0	0	0	0	0	1	INTEROLOG
B0041.4	Y37E3.8	0	0	0	0	0	1	INTEROLOG
B0041.4	ZK652.4	0	0	0	0	0	1	INTEROLOG
B0041.6	B0041.6	0	1	0	0	0	0	CORE_2
B0205.3	B0336.10	5	0	0	0	0	0	SCAFFOLD
B0205.3	B0336.2	2	0	0	0	0	0	SCAFFOLD

Table S5. WI5 interactions list

B0205.3	C16C2.3	1	0	0	0	0	0	SCAFFOLD
B0205.3	C23H3.4	1	0	0	0	0	0	SCAFFOLD
B0205.3	C30C11.2	0	0	0	0	0	1	INTEROLOG
B0205.3	F10G7.8	0	0	0	0	0	1	INTEROLOG
B0205.3	F15B9.5	1	0	0	0	0	0	SCAFFOLD
B0205.3	F20D12.1	1	0	0	0	0	0	SCAFFOLD
B0205.3	F23C8.5	2	0	0	0	0	0	SCAFFOLD
B0205.3	F23F12.6	0	0	0	0	0	1	INTEROLOG
B0205.3	F23F12.6	8	0	0	0	0	0	SCAFFOLD
B0205.3	F29G9.5	0	0	0	0	0	1	INTEROLOG
B0205.3	F40G9.1	0	0	0	0	0	1	INTEROLOG
B0205.3	F53G12.10	1	0	0	0	0	0	SCAFFOLD
B0205.3	F55D10.2	1	0	0	0	0	0	SCAFFOLD
B0205.3	F57B9.10	0	0	0	0	0	1	INTEROLOG
B0205.3	F57F5.1	1	0	0	0	0	0	SCAFFOLD
B0205.3	K07D4.3	0	0	0	0	0	1	INTEROLOG
B0205.3	K08A8.1	1	0	0	0	0	0	SCAFFOLD
B0205.3	K09E2.3	1	0	0	0	0	0	SCAFFOLD
B0205.3	K11H3.1	1	0	0	0	0	0	SCAFFOLD
B0205.3	R13A5.8	1	0	0	0	0	0	SCAFFOLD
B0205.3	T02E9.2	1	0	0	0	0	0	SCAFFOLD
B0205.3	T06D8.8	0	0	0	0	0	1	INTEROLOG
B0205.3	T10B10.1	1	0	0	0	0	0	SCAFFOLD
B0205.3	T23B5.1	1	0	0	0	0	0	SCAFFOLD
B0205.3	T24D8.1	1	0	0	0	0	0	SCAFFOLD
B0205.3	W09C5.1	1	0	0	0	0	0	SCAFFOLD
B0205.3	Y49E10.1	0	0	0	0	0	1	INTEROLOG
B0205.3	ZK20.5	0	0	0	0	0	1	INTEROLOG
B0205.6	Y45F10D.4	0	0	0	0	0	1	INTEROLOG
B0207.4	C14F11.6	0	1	0	0	0	0	NON_CORE
B0207.4	F02E8.1	1	0	0	0	0	0	NON_CORE
B0207.4	F41C3.5	1	0	0	0	0	0	NON_CORE
B0207.4	M03D4.1	0	0	0	0	4	0	LITERATURE
B0207.4	Y39G10AR.13	2	0	0	0	2	0	CORE_2
B0207.4	Y39G10AR.13	2	0	0	0	2	0	LITERATURE
B0218.3	B0336.7	5	0	0	0	0	0	CORE_1
B0218.3	B0547.1	3	0	0	0	0	0	CORE_1
B0218.3	C15C8.2	1	0	0	0	0	0	CORE_2
B0218.3	C38D4.6	1	0	0	0	0	0	CORE_2
B0218.3	C44C8.6	11	0	0	0	0	0	CORE_1
B0218.3	C54G4.1	10	0	0	0	0	0	CORE_1
B0218.3	F10E7.8	1	0	0	0	0	0	CORE_2
B0218.3	F29G6.3	1	0	0	0	0	0	NON_CORE
B0218.3	F32B6.1	7	0	0	0	0	0	CORE_1
B0218.3	F41E6.6	1	0	0	0	0	0	CORE_2
B0218.3	F54D5.7	74	0	0	0	0	0	CORE_1
B0218.3	F59A2.1	2	32	0	0	0	0	CORE_1
B0218.3	K04G7.3	0	1	0	0	0	0	NON_CORE
B0218.3	K11E8.1	2	0	0	0	0	0	CORE_2
B0218.3	R02F2.9	1	0	0	0	0	0	NON_CORE
B0218.3	T04C12.6	1	0	0	0	0	0	CORE_2
B0218.3	T09B4.9	5	0	0	0	0	0	CORE_1
B0218.3	T12G3.1	0	3	0	0	0	0	CORE_1
B0218.3	W02G9.2	8	0	0	0	0	0	CORE_1
B0218.3	Y46G5A.31	3	0	0	0	0	0	CORE_1
B0218.3	Y54E10BL.6	0	0	0	0	0	1	INTEROLOG
B0218.3	Y59A8B.7	1	0	0	0	0	0	NON_CORE
B0218.3	Y75B8A.20	1	0	0	0	0	0	NON_CORE
B0238.12	B0041.4	1	0	0	0	0	0	CORE_2

Table S5. WI5 interactions list

B0238.12	R05F9.10	1	0	0	0	0	0	NON_CORE
B0238.12	Y39B6A.1	6	0	0	0	0	0	NON_CORE
B0238.1	M110.5	1	0	0	0	0	0	CORE_2
B0250.1	F28C6.7	0	0	0	0	0	1	INTEROLOG
B0250.1	M01F1.2	0	0	0	0	0	1	INTEROLOG
B0250.1	T24B8.1	0	0	0	0	0	1	INTEROLOG
B0250.1	Y48G8AL.8	0	0	0	0	0	1	INTEROLOG
B0250.1	ZK652.4	0	0	0	0	0	1	INTEROLOG
B0272.2	C15H9.4	1	0	0	0	0	0	CORE_2
B0272.2	F17C11.9	1	0	0	0	0	0	NON_CORE
B0272.2	F56A8.7	0	1	0	0	0	0	CORE_2
B0280.1	M57.2	0	0	0	0	0	1	INTEROLOG
B0280.8	B0280.8	2	0	0	0	0	0	CORE_2
B0280.8	C27B7.4	0	1	0	0	0	0	NON_CORE
B0280.8	M03D4.1	1	0	0	0	0	0	CORE_2
B0280.8	ZK930.3	1	0	0	0	0	0	CORE_2
B0286.3	B0286.3	4	6	0	0	0	0	CORE_1
B0286.4	B0286.4	0	1	0	0	0	0	CORE_2
B0286.4	F44G3.9	0	1	0	0	0	0	CORE_2
B0286.4	ZC518.3	0	0	0	0	0	1	INTEROLOG
B0303.9	C05D11.2	0	0	0	0	0	1	INTEROLOG
B0303.9	R06F6.2	0	0	0	0	0	1	INTEROLOG
B0303.9	R07H5.8	1	0	0	0	0	0	CORE_2
B0303.9	W06B4.3	0	0	0	0	0	1	INTEROLOG
B0336.10	B0250.1	0	0	0	0	0	1	INTEROLOG
B0336.10	F28C6.7	0	0	0	0	0	1	INTEROLOG
B0336.10	T24B8.1	0	0	0	0	0	1	INTEROLOG
B0336.10	Y37E3.8	0	0	0	0	0	1	INTEROLOG
B0336.10	ZK652.4	0	0	0	0	0	1	INTEROLOG
B0336.2	B0205.3	0	0	0	0	1	0	LITERATURE
B0336.2	W02G9.2	3	0	0	0	0	0	CORE_1
B0348.6	M110.4	0	0	0	0	0	1	INTEROLOG
B0348.6	Y106G6H.2	0	0	0	0	0	1	INTEROLOG
B0361.10	F08F8.8	0	0	0	0	0	1	INTEROLOG
B0361.10	T23G7.3	1	0	0	0	0	0	NON_CORE
B0393.1	F37C12.11	4	0	0	0	0	0	CORE_1
B0412.4	C23G10.3	0	0	0	0	0	1	INTEROLOG
B0412.4	C49H3.11	0	0	0	0	0	1	INTEROLOG
B0412.4	F36A2.6	0	0	0	0	0	1	INTEROLOG
B0412.4	T05E11.1	0	0	0	0	0	1	INTEROLOG
B0412.4	Y105E8A.16	0	0	0	0	0	1	INTEROLOG
B0412.4	Y43B11AR.4	0	0	0	0	0	1	INTEROLOG
B0414.8	F57A10.5	0	1	0	0	0	0	NON_CORE
B0416.5	F31C3.1	1	0	0	0	0	0	NON_CORE
B0464.5	B0035.1	1	0	0	0	0	0	NON_CORE
B0464.5	B0336.2	1	0	0	0	0	0	NON_CORE
B0464.5	C32F10.1	1	0	0	0	0	0	NON_CORE
B0464.5	C47E8.5	1	0	0	0	0	0	NON_CORE
B0464.5	F26H11.3	1	0	0	0	0	0	NON_CORE
B0464.5	F46F11.2	1	0	0	0	0	0	NON_CORE
B0464.5	H02I12.5	2	0	0	0	0	0	CORE_2
B0464.5	T19A5.1	1	0	0	0	0	0	NON_CORE
B0464.5	Y48E1B.1	1	0	0	0	0	0	NON_CORE
B0464.7	W01G7.5	0	0	0	0	1	0	LITERATURE
B0464.8	T20B12.2	5	17	0	0	0	0	CORE_1
B0496.7	B0547.1	1	1	0	0	0	0	CORE_2
B0496.7	C09H6.2	7	0	0	0	0	0	NON_CORE
B0496.7	C17H12.1	2	0	0	0	0	0	CORE_2
B0496.7	R06F6.4	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

B0507.1	F18A1.6	1	0	0	0	0	0	NON_CORE
B0507.1	F27C1.7	1	0	0	0	0	0	CORE_2
B0507.1	F54C9.5	1	0	0	0	0	0	NON_CORE
B0507.1	K04F10.7	1	0	0	0	0	0	CORE_2
B0507.1	R05F9.10	4	0	0	0	0	0	CORE_1
B0507.1	T21H3.1	1	0	0	0	0	0	NON_CORE
B0507.1	Y37A1B.1	1	0	0	0	0	0	CORE_2
B0507.1	Y39B6A.1	15	0	0	0	0	0	NON_CORE
B0507.1	Y39G10AR.17	1	0	0	0	0	0	CORE_2
B0513.2	T05E7.5	1	0	0	0	0	0	NON_CORE
B0564.1	F37C12.13	0	0	0	0	0	1	INTEROLOG
C01B10.3	T18D3.7	0	2	0	0	0	0	CORE_2
C01B10.4	R03G5.6	0	1	0	0	0	0	NON_CORE
C01B10.4	R11D1.3	0	1	0	0	0	0	NON_CORE
C01B10.8	C04E12.6	0	1	0	0	0	0	CORE_2
C01B10.8	C09H5.6	0	1	0	0	0	0	NON_CORE
C01B10.8	C14B9.8	1	0	0	0	0	0	NON_CORE
C01B10.8	C14F11.4	0	1	0	0	0	0	NON_CORE
C01B10.8	C17E4.5	0	1	0	0	0	0	NON_CORE
C01B10.8	C46C11.3	0	1	0	0	0	0	NON_CORE
C01B10.8	C53C11.2	0	1	0	0	0	0	NON_CORE
C01B10.8	F45E6.4	0	1	0	0	0	0	NON_CORE
C01B10.8	F46A9.2	0	1	0	0	0	0	NON_CORE
C01B10.8	F54D8.1	0	1	0	0	0	0	NON_CORE
C01B10.8	F59A1.11	0	1	0	0	0	0	NON_CORE
C01B10.8	K02D3.1	0	1	0	0	0	0	NON_CORE
C01B10.8	T13B5.8	0	1	0	0	0	0	NON_CORE
C01B10.8	W03D2.5	0	1	0	0	0	0	CORE_2
C01B10.8	W06B11.1	0	1	0	0	0	0	NON_CORE
C01B10.8	W07G1.5	0	1	0	0	0	0	NON_CORE
C01B10.8	W10D9.5	0	1	0	0	0	0	NON_CORE
C01B10.8	Y113G7B.23	5	63	0	0	0	0	CORE_1
C01B10.8	Y58A7A.1	0	1	0	0	0	0	NON_CORE
C01B10.8	ZK1067.7	0	1	0	0	0	0	NON_CORE
C01B10.8	ZK84.6	0	1	0	0	0	0	NON_CORE
C01F6.1	K10C8.3	1	0	0	0	0	0	CORE_2
C01F6.1	T22A3.3	5	0	0	0	0	0	CORE_1
C01F6.1	ZK1055.7	0	1	0	0	0	0	CORE_2
C01G5.8	F54B11.3	1	0	0	0	0	0	CORE_2
C01G5.8	K12C11.2	0	25	0	0	0	0	CORE_1
C01G6.4	Y77E11A.5	1	0	0	0	0	0	NON_CORE
C01G8.5	C01F6.6	1	0	0	0	0	0	NON_CORE
C01G8.5	C18B2.5	3	0	0	0	0	0	CORE_1
C01G8.5	C38D4.6	1	0	0	0	0	0	CORE_2
C01G8.5	F57G4.5	0	1	0	0	0	0	NON_CORE
C01G8.5	H22K11.1	12	0	0	0	0	0	CORE_1
C01G8.5	T07C4.1	1	0	0	0	0	0	NON_CORE
C02A12.1	C54F6.14	0	1	0	0	0	0	CORE_2
C02A12.1	D1037.3	3	0	0	0	0	0	CORE_1
C02A12.1	Y105E8B.4	1	0	0	0	0	0	CORE_2
C02F4.2	F55C10.1	0	0	0	0	0	1	INTEROLOG
C02F4.2	T21H3.3	0	0	0	0	0	1	INTEROLOG
C02F5.1	C18D11.4	0	0	0	0	0	2	SCAFFOLD
C02F5.1	C42D8.2	1	0	0	0	0	0	NON_CORE
C02F5.1	F15E11.15	1	0	0	0	0	0	NON_CORE
C02F5.1	K11E8.1	1	0	0	0	0	0	NON_CORE
C02F5.1	T04C10.2	2	0	0	0	0	0	CORE_2
C02F5.7	D2045.6	0	0	0	0	0	1	INTEROLOG
C02F5.7	F46A9.5	0	0	0	0	0	1	INTEROLOG

Table S5. WI5 interactions list

C02F5.9	C06A8.1	18	0	0	0	0	0	SCAFFOLD
C02F5.9	C06G3.6	0	1	0	0	0	0	NON_CORE
C02F5.9	C08E3.9	0	7	0	0	0	0	CORE_1
C02F5.9	C30F8.2	9	0	0	0	0	0	SCAFFOLD
C02F5.9	D1005.1	1	0	0	0	0	0	SCAFFOLD
C02F5.9	F44G3.9	0	1	0	0	0	0	NON_CORE
C02F5.9	R06C1.3	0	3	0	0	0	0	CORE_1
C02F5.9	W02G9.2	1	0	0	0	0	0	SCAFFOLD
C02F5.9	Y79H2A.1	13	0	0	0	0	0	SCAFFOLD
C02F5.9	ZC411.1	0	1	0	0	0	0	NON_CORE
C02F5.9	ZK1098.4	1	0	0	0	0	0	SCAFFOLD
C03A7.4	AC3.3	2	0	0	0	0	0	NON_CORE
C03A7.4	C03A7.14	3	0	0	0	0	0	NON_CORE
C03A7.4	C03A7.4	1	1	0	0	0	0	CORE_2
C03A7.4	C09G5.5	1	0	0	0	0	0	NON_CORE
C03A7.4	C17G10.5	2	0	0	0	0	0	CORE_2
C03A7.4	C23G10.3	1	0	0	0	0	0	NON_CORE
C03A7.4	C32E8.2	2	0	0	0	0	0	NON_CORE
C03A7.4	F07A5.2	1	0	0	0	0	0	NON_CORE
C03A7.4	F08F3.7	1	0	0	0	0	0	CORE_2
C03A7.4	F11G11.11	0	1	0	0	0	0	NON_CORE
C03A7.4	F29C12.1	1	0	0	0	0	0	CORE_2
C03A7.4	F29G6.3	2	1	0	0	0	0	CORE_1
C03A7.4	F30H5.3	1	0	0	0	0	0	CORE_2
C03A7.4	F40F4.3	1	0	0	0	0	0	CORE_2
C03A7.4	F43E2.5	1	0	0	0	0	0	NON_CORE
C03A7.4	F44D12.4	1	0	0	0	0	0	NON_CORE
C03A7.4	F58F12.1	1	0	0	0	0	0	NON_CORE
C03A7.4	K07A1.8	1	0	0	0	0	0	NON_CORE
C03A7.4	K10H10.2	1	0	0	0	0	0	NON_CORE
C03A7.4	K12G11.3	0	1	0	0	0	0	NON_CORE
C03A7.4	M01F1.2	1	0	0	0	0	0	NON_CORE
C03A7.4	M02G9.1	3	1	0	0	0	0	CORE_1
C03A7.4	M195.2	1	0	0	0	0	0	NON_CORE
C03A7.4	R09F10.7	1	0	0	0	0	0	NON_CORE
C03A7.4	R13A5.8	1	0	0	0	0	0	NON_CORE
C03A7.4	T01D1.6	1	0	0	0	0	0	CORE_2
C03A7.4	T05F1.3	1	0	0	0	0	0	NON_CORE
C03A7.4	T20F5.4	1	0	0	0	0	0	NON_CORE
C03A7.4	VZK822L.1	1	0	0	0	0	0	NON_CORE
C03A7.4	W02B12.1	1	0	0	0	0	0	NON_CORE
C03A7.4	W03G1.5	1	0	0	0	0	0	CORE_2
C03A7.4	W04D2.1	1	0	0	0	0	0	NON_CORE
C03A7.4	W09D10.1	1	0	0	0	0	0	NON_CORE
C03A7.4	Y22F5A.4	7	0	0	0	0	0	CORE_1
C03A7.4	Y22F5A.5	1	0	0	0	0	0	CORE_2
C03A7.4	Y38A8.2	1	0	0	0	0	0	NON_CORE
C03A7.4	Y39B6A.1	20	3	0	0	0	0	CORE_1
C03A7.4	Y67H2A.6	1	0	0	0	0	0	NON_CORE
C03A7.4	Y69H2.3	7	4	0	0	0	0	CORE_1
C03A7.4	Y71F9AL.13	1	0	0	0	0	0	NON_CORE
C03A7.4	ZK1067.7	4	1	0	0	0	0	CORE_1
C03C10.3	C03C10.3	1	0	0	0	0	0	NON_CORE
C03C10.3	T23G5.1	0	0	0	0	0	1	INTEROLOG
C03D6.3	F36A4.7	0	0	0	0	0	1	INTEROLOG
C03G5.1	F42A8.2	0	0	0	0	0	1	INTEROLOG
C04B4.3	H21P03.3	0	1	0	0	0	0	NON_CORE
C04C3.2	DY3.2	3	0	0	0	0	0	CORE_1
C04F12.3	B0547.1	1	0	0	0	0	0	CORE_2

Table S5. WI5 interactions list

C04F12.3	C04F12.3	14	0	0	0	0	0	CORE_1
C04F12.3	C36C9.1	2	0	0	0	0	0	CORE_2
C04F12.3	F25B5.4	1	0	0	0	0	0	NON_CORE
C04F12.3	F25B5.7	7	0	0	0	0	0	CORE_1
C04F12.3	F37A4.9	1	0	0	0	0	0	NON_CORE
C04F12.3	F52C6.2	1	0	0	0	0	0	CORE_2
C04F12.3	F54G8.4	0	3	0	0	0	0	CORE_1
C04F12.3	H12C20.5	0	1	0	0	0	0	NON_CORE
C04F12.3	K04G2.6	19	0	0	0	0	0	CORE_1
C04F12.3	R02F2.5	0	16	0	0	0	0	CORE_1
C04F12.3	T04F8.7	1	0	0	0	0	0	NON_CORE
C04F12.3	T14F9.1	1	0	0	0	0	0	NON_CORE
C04F12.3	Y39B6A.1	1	0	0	0	0	0	NON_CORE
C04F12.3	ZK1055.7	1	0	0	0	0	0	CORE_2
C04F12.3	ZK455.1	10	0	0	0	0	0	CORE_1
C04F12.4	C42C1.14	0	0	0	0	0	1	INTEROLOG
C04F12.9	C38D4.6	2	0	0	0	0	0	CORE_2
C04F12.9	F25B3.6	1	0	0	0	0	0	NON_CORE
C04F12.9	F57B10.5	1	0	0	0	0	0	NON_CORE
C04F12.9	Y24D9A.4	1	0	0	0	0	0	NON_CORE
C04F12.9	Y49E10.6	1	0	0	0	0	0	NON_CORE
C04F12.9	Y77E11A.5	1	0	0	0	0	0	NON_CORE
C04F6.4	C38C3.5	0	0	0	0	0	1	INTEROLOG
C04F6.4	M03F4.2	0	0	0	0	0	1	INTEROLOG
C04G2.6	B0564.1	0	0	0	0	0	1	INTEROLOG
C04G2.6	F37C12.13	0	0	0	0	0	1	INTEROLOG
C04G2.6	K01G5.4	0	0	0	0	0	1	INTEROLOG
C04G2.6	Y73B6BL.3	0	0	0	0	0	1	INTEROLOG
C04H5.1	C33C12.9	0	0	0	0	0	1	INTEROLOG
C05C10.5	C27A2.6	0	0	4	0	0	0	SCAFFOLD
C05C10.5	F54D10.7	0	0	2	0	0	0	SCAFFOLD
C05C10.6	C06A1.1	0	0	0	0	0	1	INTEROLOG
C05C8.6	C05C8.6	7	2	23	0	0	0	CORE_1
C05C8.6	C05C8.6	7	2	23	0	0	0	SCAFFOLD
C05C8.6	C27B7.4	0	8	0	0	0	0	CORE_1
C05C8.6	F37B1.1	0	1	0	0	0	0	CORE_2
C05C8.6	F52B11.1	0	1	0	0	0	0	NON_CORE
C05C8.6	K04A8.6	0	1	0	0	0	0	CORE_2
C05C8.6	Y116F11B.10	0	1	0	0	0	0	CORE_2
C05C8.6	Y116F11B.12	0	1	0	0	0	0	CORE_2
C05C8.6	Y7A5A.2	0	1	0	0	0	0	CORE_2
C05D11.10	C03C10.4	10	8	0	0	0	0	CORE_1
C05D11.10	F49H12.3	0	1	0	0	0	0	CORE_2
C05D11.10	R01H10.6	1	0	0	0	0	0	CORE_2
C05D11.10	T22A3.3	1	0	0	0	0	0	NON_CORE
C05D11.10	ZK1055.1	6	0	0	0	0	0	CORE_1
C05D11.2	W06B4.3	0	0	0	0	0	1	INTEROLOG
C05D9.1	C18E9.9	0	1	0	0	0	0	NON_CORE
C05D9.1	C36H8.1	0	1	0	0	0	0	NON_CORE
C05D9.1	D2013.2	0	4	0	0	0	0	CORE_1
C05D9.1	F17E9.5	0	11	0	0	0	0	CORE_1
C05D9.1	F25D7.1	0	1	0	0	0	0	NON_CORE
C05D9.1	F45H10.4	0	1	0	0	0	0	NON_CORE
C05D9.1	F59G1.3	0	0	0	0	0	1	INTEROLOG
C05D9.1	R02F2.5	0	1	0	0	0	0	NON_CORE
C05D9.1	W06A7.3	0	4	0	0	0	0	CORE_1
C05D9.1	Y38C1AA.7	0	3	0	0	0	0	CORE_1
C05D9.1	Y59A8B.22	0	1	0	0	0	0	NON_CORE
C05D9.1	Y75B8A.35	0	1	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

C05G5.1	Y39G10AR.8	1	0	0	0	0	0	NON_CORE
C05G5.4	F47B10.1	0	0	0	0	0	1	INTEROLOG
C06A1.1	F59E12.5	0	0	0	0	0	1	INTEROLOG
C06A1.5	C15H11.8	0	0	0	0	0	1	INTEROLOG
C06A1.5	C42D4.8	0	0	0	0	0	1	INTEROLOG
C06A1.5	H43I07.2	0	0	0	0	0	1	INTEROLOG
C06A1.5	Y48E1A.1	0	0	0	0	0	1	INTEROLOG
C06A1.5	Y97E10AR.5	0	0	0	0	0	1	INTEROLOG
C06A1.5	ZK856.10	0	0	0	0	0	1	INTEROLOG
C06E1.4	B0280.12	0	0	0	0	2	0	LITERATURE
C06E4.2	D1007.6	1	0	0	0	0	0	NON_CORE
C06E4.2	F33D4.6	1	0	0	0	0	0	NON_CORE
C06E4.2	R05F9.10	37	3	0	0	0	0	CORE_1
C06E4.2	W01B6.9	1	0	0	0	0	0	CORE_2
C06E4.2	Y38A10A.5	1	0	0	0	0	0	CORE_2
C06G3.11	Y66D12A.22	0	0	0	0	0	1	INTEROLOG
C07A12.3	F01F1.12	1	0	0	0	0	0	NON_CORE
C07A12.3	Y38A10A.5	1	0	0	0	0	0	NON_CORE
C07E3.7	R06F6.8	5	0	0	0	0	0	CORE_1
C07E3.7	Y45F10D.12	1	0	0	0	0	0	NON_CORE
C07F11.1	C48D5.1	3	0	0	0	0	0	CORE_1
C07F11.1	T25C8.2	1	0	0	0	0	0	NON_CORE
C07G1.5	C34G6.7	0	0	0	0	0	1	INTEROLOG
C07G2.3	F13B12.4	1	0	0	0	0	0	NON_CORE
C07H6.1	C27D9.1	1	0	0	0	0	0	SCAFFOLD
C07H6.5	B0250.1	0	1	0	0	0	0	CORE_2
C07H6.5	B0511.5	0	1	0	0	0	0	CORE_2
C07H6.5	C06A5.3	1	0	0	0	0	0	CORE_2
C07H6.5	C09F5.2	0	1	0	0	0	0	CORE_2
C07H6.5	C27A2.6	0	0	1	0	0	0	SCAFFOLD
C07H6.5	C27F2.8	4	0	0	0	0	0	CORE_1
C07H6.5	D1054.9	1	0	0	0	0	0	CORE_2
C07H6.5	F07C4.5	0	1	0	0	0	0	CORE_2
C07H6.5	F14F9.4	0	1	0	0	0	0	CORE_2
C07H6.5	F46A9.4	0	1	0	0	0	0	CORE_2
C07H6.5	F46H5.3	1	0	0	0	0	0	NON_CORE
C07H6.5	F52E1.7	5	0	0	0	0	0	CORE_1
C07H6.5	R05D11.8	4	0	62	0	0	0	CORE_1
C07H6.5	R05D11.8	4	0	62	0	0	0	SCAFFOLD
C07H6.5	T10G3.6	0	0	0	0	0	1	INTEROLOG
C07H6.5	T26H5.4	0	1	0	0	0	0	CORE_2
C07H6.5	W03C9.7	0	0	3	0	0	0	SCAFFOLD
C07H6.5	W05H7.4	2	0	0	0	0	0	CORE_2
C07H6.5	ZK1025.9	0	1	0	0	0	0	CORE_2
C07H6.7	F53F1.4	1	0	0	0	0	0	SCAFFOLD
C07H6.7	K10D6.4	17	0	0	0	0	0	SCAFFOLD
C07H6.7	R05D8.8	1	0	0	0	0	0	SCAFFOLD
C08B11.1	C38D4.6	2	0	0	0	0	0	CORE_2
C08B11.1	F52D10.3	2	0	0	0	0	0	CORE_2
C08B11.1	K04F10.6	1	0	0	0	0	0	NON_CORE
C08B11.1	W03D8.9	1	0	0	0	0	0	NON_CORE
C08B11.1	ZK381.1	1	0	0	0	0	0	NON_CORE
C08B11.2	K08F11.2	1	0	0	0	0	0	SCAFFOLD
C08B11.5	W03F9.10	0	0	0	0	0	1	INTEROLOG
C08B11.9	K02F2.2	38	0	0	0	0	0	CORE_1
C08B6.9	W02A11.4	0	0	0	0	0	1	INTEROLOG
C08F8.8	C32F10.6	0	1	0	0	0	0	CORE_2
C08F8.8	C38D4.6	6	0	0	0	0	0	CORE_1
C08F8.8	C47E8.5	1	0	0	0	0	0	CORE_2

Table S5. WI5 interactions list

C08F8.8	F49H12.3	0	2	0	0	0	0	CORE_2
C08F8.8	H19N07.1	2	0	0	0	0	0	CORE_2
C08F8.8	W02D3.9	2	9	0	0	0	0	CORE_1
C08F8.8	ZK1098.4	1	0	0	0	0	0	NON_CORE
C09D1.1	ZK84.3	0	1	0	0	0	0	NON_CORE
C09D4.5	B0041.4	0	0	0	0	0	1	INTEROLOG
C09D4.5	B0250.1	0	0	0	0	0	1	INTEROLOG
C09D4.5	B0336.10	0	0	0	0	0	1	INTEROLOG
C09D4.5	F13B10.2	0	0	0	0	0	1	INTEROLOG
C09D4.5	F28C6.7	0	0	0	0	0	1	INTEROLOG
C09D4.5	F52B5.6	0	0	0	0	0	1	INTEROLOG
C09D4.5	F54C9.5	0	0	0	0	0	1	INTEROLOG
C09D4.5	R13A5.8	0	0	0	0	0	1	INTEROLOG
C09D4.5	T22F3.4	0	0	0	0	0	1	INTEROLOG
C09D4.5	T24B8.1	0	0	0	0	0	1	INTEROLOG
C09D4.5	Y37E3.8	0	0	0	0	0	1	INTEROLOG
C09D4.5	Y48G8AL.8	0	0	0	0	0	1	INTEROLOG
C09D4.5	ZK652.4	0	0	0	0	0	1	INTEROLOG
C09D8.1	Y37D8A.8	0	1	0	0	0	0	NON_CORE
C09G1.1	C14C11.5	0	1	0	0	0	0	CORE_2
C09G1.1	R31.1	1	0	0	0	0	0	NON_CORE
C09G1.1	T05F1.4	6	0	0	0	0	0	CORE_1
C09G1.1	T06D8.5	0	1	0	0	0	0	NON_CORE
C09G1.1	T27F2.2	2	0	0	0	0	0	CORE_2
C09G1.1	Y39B6A.11	0	2	0	0	0	0	CORE_2
C09G1.1	ZC395.8	3	0	0	0	0	0	CORE_1
C09G1.1	ZK328.5	2	0	0	0	0	0	CORE_2
C09G4.3	C06C3.8	0	1	0	0	0	0	NON_CORE
C09G4.3	C14C6.3	0	1	0	0	0	0	NON_CORE
C09G4.3	C32F10.6	0	1	0	0	0	0	NON_CORE
C09G4.3	C39D10.7	1	0	0	0	0	0	NON_CORE
C09G4.3	F31E3.5	2	0	0	0	0	0	NON_CORE
C09G4.3	F35C5.5	0	1	0	0	0	0	NON_CORE
C09G4.3	F35G12.9	1	0	0	0	0	0	NON_CORE
C09G4.3	F42D1.2	0	12	0	0	0	0	CORE_1
C09G4.3	F43C1.4	1	0	0	0	0	0	NON_CORE
C09G4.3	F54D5.7	1	0	0	0	0	0	NON_CORE
C09G4.3	F55A11.3	1	0	0	0	0	0	NON_CORE
C09G4.3	M60.4	0	1	0	0	0	0	NON_CORE
C09G4.3	T02G5.8	1	0	0	0	0	0	NON_CORE
C09G4.3	Y73B6A.5	4	0	0	0	0	0	CORE_1
C09G4.3	ZC455.1	0	1	0	0	0	0	NON_CORE
C09G4.3	ZK1240.2	0	2	0	0	0	0	CORE_2
C09G4.5	C39E9.13	1	0	0	0	0	0	NON_CORE
C09G4.5	F13C5.6	0	1	0	0	0	0	NON_CORE
C09G4.5	F25H8.2	0	1	0	0	0	0	NON_CORE
C09G4.5	F54C1.3	0	0	0	0	2	0	LITERATURE
C09G4.5	K12H4.5	1	0	0	0	0	0	NON_CORE
C09G4.5	R06A4.7	0	0	0	0	2	0	LITERATURE
C09H10.6	F53B3.1	2	4	0	0	0	0	CORE_1
C09H6.2	C09H6.2	0	0	0	1	0	0	SCAFFOLD
C09H6.2	F17E5.1	0	0	0	1	0	0	SCAFFOLD
C10C6.2	Y39B6A.7	0	1	0	0	0	0	NON_CORE
C10C6.2	Y51H4A.8	0	1	0	0	0	0	NON_CORE
C10C6.2	Y7A9D.1	0	1	0	0	0	0	NON_CORE
C12D8.1	AH6.5	5	0	0	0	0	0	CORE_1
C12D8.1	C16B8.3	0	1	0	0	0	0	CORE_2
C12D8.1	C18E9.3	1	0	0	0	0	0	NON_CORE
C12D8.1	C25F6.2	5	0	0	0	0	0	CORE_1

Table S5. WI5 interactions list

C12D8.1	C27B7.4	0	14	0	0	0	0	CORE_1
C12D8.1	D1046.1	0	2	0	0	0	0	CORE_2
C12D8.1	F32A11.6	0	1	0	0	0	0	CORE_2
C12D8.1	F36A2.1	2	0	0	0	0	0	CORE_2
C12D8.1	F59E12.9	1	0	0	0	0	0	NON_CORE
C12D8.1	Y113G7B.23	0	1	0	0	0	0	CORE_2
C12D8.1	Y63D3A.5	5	2	0	0	0	0	CORE_1
C12D8.1	ZC513.6	0	1	0	0	0	0	CORE_2
C12D8.1	ZK1248.2	0	1	0	0	0	0	NON_CORE
C12D8.1	ZK643.5	4	0	0	0	0	0	CORE_1
C12D8.1	ZK849.2	1	13	0	0	0	0	CORE_1
C13B9.3	Y25C1A.5	0	0	0	0	0	1	INTEROLOG
C13B9.3	Y71F9AL.17	0	0	0	0	0	1	INTEROLOG
C13B9.3	Y77E11A.5	1	0	0	0	0	0	NON_CORE
C13C4.5	H37A05.1	1	0	0	0	0	0	NON_CORE
C13F10.7	C13F10.7	0	0	1	0	0	0	SCAFFOLD
C13G3.3	F48E8.5	0	0	0	0	0	1	INTEROLOG
C14A4.10	F30F8.8	0	0	0	0	0	1	INTEROLOG
C14A4.10	W09B6.2	0	0	0	0	0	1	INTEROLOG
C14A4.11	C06E7.4	4	0	0	0	0	0	CORE_1
C14A4.11	C36H8.3	1	0	0	0	0	0	NON_CORE
C14A4.11	F09F7.5	2	0	0	0	0	0	CORE_2
C14A4.11	T19A5.2	1	1	0	0	0	0	CORE_2
C14A4.11	Y45F10A.6	1	0	0	0	0	0	NON_CORE
C14A4.11	Y66D12A.9	3	0	0	0	0	0	CORE_1
C14A4.11	ZK792.4	1	0	0	0	0	0	NON_CORE
C14B1.2	R05F9.10	1	0	0	0	0	0	CORE_2
C14B1.4	F21H12.1	0	0	0	0	0	1	INTEROLOG
C14B9.4	F32B5.8	1	0	0	0	0	0	NON_CORE
C14B9.4	F46B6.5	1	0	0	0	0	0	NON_CORE
C14B9.4	R119.4	9	0	0	0	0	0	CORE_1
C14B9.4	T18H9.2	1	0	0	0	0	0	NON_CORE
C14B9.7	R06F6.8	2	0	0	0	0	0	CORE_2
C14F5.5	C11E4.6	1	0	0	0	0	0	SCAFFOLD
C14F5.5	D1037.3	1	0	0	0	0	0	SCAFFOLD
C14F5.5	F32A7.3	1	0	0	0	0	0	NON_CORE
C14F5.5	F43D9.4	1	0	0	0	0	0	SCAFFOLD
C14F5.5	F45E10.1	0	0	0	0	3	0	LITERATURE
C14F5.5	F46F6.1	7	0	0	0	0	0	SCAFFOLD
C14F5.5	F49B2.5	1	0	0	0	0	0	SCAFFOLD
C14F5.5	F54D5.15	1	0	0	0	0	0	CORE_2
C14F5.5	F54D5.5	8	0	0	0	0	0	SCAFFOLD
C14F5.5	M02A10.3	3	0	0	0	0	0	SCAFFOLD
C14F5.5	R08E3.3	1	0	0	0	0	0	SCAFFOLD
C14F5.5	T20F5.6	4	0	0	0	0	0	SCAFFOLD
C14F5.5	T28F12.3	3	0	0	0	0	0	SCAFFOLD
C14F5.5	W04D2.1	2	0	0	0	0	0	SCAFFOLD
C15H11.7	F39H11.5	0	0	0	0	0	1	INTEROLOG
C15H11.7	F52G2.3	1	0	0	0	0	0	SCAFFOLD
C15H11.7	T05E7.5	22	0	0	0	0	0	SCAFFOLD
C15H11.7	T20F5.2	0	0	0	0	0	1	INTEROLOG
C15H11.7	W04D2.1	3	0	0	0	0	0	SCAFFOLD
C15H11.7	W07G4.5	1	0	0	0	0	0	SCAFFOLD
C15H11.7	Y38A8.2	0	0	0	0	0	1	INTEROLOG
C15H11.7	ZC155.7	1	0	0	0	0	0	SCAFFOLD
C15H11.7	ZK945.2	108	0	0	1	0	0	SCAFFOLD
C15H11.8	H27M09.2	0	0	0	0	0	1	INTEROLOG
C15H9.9	R05F9.10	10	0	0	0	0	0	CORE_1
C16A3.5	C50C3.8	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

C16A3.5	T07C4.1	1	0	0	0	0	0	NON_CORE
C16A3.8	C17H12.8	1	0	0	0	0	0	NON_CORE
C16A3.8	C38D4.6	6	0	0	0	0	0	CORE_1
C16A3.8	C45G9.6	1	0	0	0	0	0	NON_CORE
C16A3.8	C48D5.1	2	0	0	0	0	0	CORE_2
C16A3.8	E04A4.8	1	0	0	0	0	0	NON_CORE
C16A3.8	F22E10.3	1	0	0	0	0	0	NON_CORE
C16A3.8	F25B5.4	1	0	0	0	0	0	NON_CORE
C16A3.8	F44B9.8	1	0	0	0	0	0	NON_CORE
C16A3.8	F56D3.1	1	0	0	0	0	0	NON_CORE
C16A3.8	H02I12.5	1	0	0	0	0	0	NON_CORE
C16A3.8	JC8.3	1	0	0	0	0	0	NON_CORE
C16A3.8	K04D7.1	2	0	0	0	0	0	NON_CORE
C16A3.8	T04C12.6	1	0	0	0	0	0	NON_CORE
C16A3.8	Y77E11A.5	1	0	0	0	0	0	NON_CORE
C16A3.9	F56F3.5	0	0	0	0	0	1	INTEROLOG
C16C8.11	C16C8.11	0	0	12	0	0	0	SCAFFOLD
C17E4.5	Y106G6H.2	0	0	0	0	0	1	INTEROLOG
C17G10.4	C16A3.9	1	0	0	0	0	0	NON_CORE
C17G10.4	H02I12.5	1	0	0	0	0	0	NON_CORE
C17G10.4	T26E3.2	1	0	0	0	0	0	NON_CORE
C17G10.4	ZK550.4	1	0	0	0	0	0	NON_CORE
C17H12.14	C30F8.2	0	0	0	0	0	1	INTEROLOG
C17H12.14	F20B6.2	0	0	0	0	0	1	INTEROLOG
C17H12.14	F55H2.2	0	0	0	0	0	1	INTEROLOG
C17H12.14	ZK970.4	0	0	0	0	0	1	INTEROLOG
C18A3.2	R05F9.10	1	0	0	0	0	0	NON_CORE
C18B2.4	C17G10.5	1	0	0	0	0	0	CORE_2
C18B2.4	R02F2.5	0	3	0	0	0	0	CORE_1
C18B2.4	Y22F5A.4	1	0	0	0	0	0	CORE_2
C18C4.10	B0547.1	1	0	0	0	0	0	CORE_2
C18C4.10	C01H6.7	1	0	0	0	0	0	NON_CORE
C18C4.10	C06A5.9	0	2	0	0	0	0	CORE_2
C18C4.10	C10H11.10	23	0	0	0	0	0	CORE_1
C18C4.10	C17E4.2	1	0	0	0	0	0	CORE_2
C18C4.10	C18C4.10	2	0	0	0	0	0	NON_CORE
C18C4.10	C32E8.1	0	1	0	0	0	0	CORE_2
C18C4.10	C52E4.1	1	0	0	0	0	0	NON_CORE
C18C4.10	F28E10.1	1	0	0	0	0	0	CORE_2
C18C4.10	F53G12.10	1	0	0	0	0	0	NON_CORE
C18C4.10	M01E11.4	1	0	0	0	0	0	NON_CORE
C18C4.10	M04F3.3	5	0	0	0	0	0	CORE_1
C18C4.10	R05D3.7	7	0	0	0	0	0	CORE_1
C18C4.10	T10B11.6	1	0	0	0	0	0	CORE_2
C18C4.10	Y18D10A.11	2	0	0	0	0	0	CORE_2
C18C4.10	Y24D9A.8	1	0	0	0	0	0	NON_CORE
C18C4.10	Y39G10AR.8	1	0	0	0	0	0	CORE_2
C18C4.10	ZK1098.10	6	0	0	0	0	0	CORE_1
C18C4.3	D1007.14	0	1	0	0	0	0	NON_CORE
C18C4.3	Y39A1A.7	1	0	0	0	0	0	NON_CORE
C18D11.4	F46F11.2	1	0	0	0	0	0	NON_CORE
C18E9.2	Y63D3A.6	0	0	0	0	0	1	INTEROLOG
C18E9.6	ZK381.1	0	1	0	0	0	0	NON_CORE
C18H9.7	B0336.6	5	0	0	0	0	0	CORE_1
C18H9.7	C06A6.2	1	0	0	0	0	0	CORE_2
C18H9.7	C06H2.1	1	0	0	0	0	0	NON_CORE
C18H9.7	C07A12.1	1	0	0	0	0	0	CORE_2
C18H9.7	C16B8.2	1	0	0	0	0	0	CORE_2
C18H9.7	C25B8.3	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

C18H9.7	C39D10.7	8	0	0	0	0	0	CORE_1
C18H9.7	D1054.5	1	0	0	0	0	0	CORE_2
C18H9.7	E04F6.6	1	0	0	0	0	0	NON_CORE
C18H9.7	F42G2.1	1	0	0	0	0	0	CORE_2
C18H9.7	F54C9.11	5	0	0	0	0	0	CORE_1
C18H9.7	F59C6.5	1	0	0	0	0	0	NON_CORE
C18H9.7	K08E5.3	1	0	0	0	0	0	NON_CORE
C18H9.7	K09B11.9	1	0	0	0	0	0	CORE_2
C18H9.7	K10D3.4	1	0	0	0	0	0	CORE_2
C18H9.7	R04B5.4	1	0	0	0	0	0	CORE_2
C18H9.7	R06C1.3	1	0	0	0	0	0	CORE_2
C18H9.7	T22A3.3	1	0	0	0	0	0	CORE_2
C18H9.7	W02G9.2	1	0	0	0	0	0	CORE_2
C18H9.7	Y119C1A.1	1	0	0	0	0	0	CORE_2
C18H9.7	Y37E11AR.2	1	0	0	0	0	0	CORE_2
C18H9.7	Y40C5A.1	1	0	0	0	0	0	CORE_2
C18H9.7	Y42H9AR.1	1	0	0	0	0	0	CORE_2
C18H9.7	Y45G5AM.1	1	0	0	0	0	0	CORE_2
C18H9.7	Y46G5A.1	1	0	0	0	0	0	NON_CORE
C18H9.7	Y52D3.1	1	0	0	0	0	0	CORE_2
C18H9.7	Y57G11C.16	1	0	0	0	0	0	NON_CORE
C18H9.7	ZK1098.4	1	0	0	0	0	0	CORE_2
C23G10.3	F36A2.6	0	0	0	0	0	1	INTEROLOG
C23G10.3	F37C12.9	0	0	0	0	0	1	INTEROLOG
C23G10.3	F53A3.3	0	0	0	0	0	1	INTEROLOG
C23G10.3	T01C3.6	0	0	0	0	0	1	INTEROLOG
C23G10.3	T23D8.3	2	0	0	0	0	0	CORE_2
C23G10.4	C15H9.6	1	0	0	0	0	0	SCAFFOLD
C23G10.4	C26F1.4	1	0	0	0	0	0	SCAFFOLD
C23G10.4	DY3.7	1	0	0	0	0	0	SCAFFOLD
C23G10.4	F31C3.2	1	0	0	0	0	0	SCAFFOLD
C23G10.4	F31E3.5	1	0	0	0	0	0	SCAFFOLD
C23G10.4	F58A4.00	1	0	0	0	0	0	SCAFFOLD
C23G10.4	K08E3.6	1	0	0	0	0	0	SCAFFOLD
C23G10.4	T03E6.7	1	0	0	0	0	0	SCAFFOLD
C23G10.4	Y62E10A.14	5	0	0	0	0	0	SCAFFOLD
C23G10.4	ZK829.7	1	0	0	0	0	0	SCAFFOLD
C23G10.8	C02F5.9	0	0	0	0	0	6	SCAFFOLD
C23G10.8	C17H12.9	0	1	0	0	0	0	NON_CORE
C23G10.8	C18D11.4	0	0	0	0	0	6	SCAFFOLD
C23G10.8	C48D5.1	0	2	0	0	0	0	CORE_2
C23G10.8	F37C12.4	0	0	0	0	0	2	SCAFFOLD
C23G10.8	F48E8.5	0	0	0	0	0	4	SCAFFOLD
C23G10.8	K11D9.2	0	0	0	0	0	6	SCAFFOLD
C23G10.8	R13F6.1	0	0	0	0	0	2	SCAFFOLD
C23G10.8	T26A5.9	0	0	0	0	0	8	SCAFFOLD
C23H3.3	C37C3.6	1	0	0	0	0	0	CORE_2
C23H3.3	C55B7.4	1	0	0	0	0	0	CORE_2
C23H3.3	F29G9.2	1	0	0	0	0	0	CORE_2
C23H3.3	F30H5.3	1	0	0	0	0	0	CORE_2
C23H3.3	T21B6.3	1	0	0	0	0	0	CORE_2
C23H3.3	T22H2.5	0	1	0	0	0	0	CORE_2
C24A3.2	C47D12.6	1	0	0	0	0	0	NON_CORE
C24A3.2	R05F9.10	0	1	0	0	0	0	CORE_2
C24G6.3	T03F1.3	1	0	0	0	0	0	SCAFFOLD
C24H12.5	C50B8.2	1	0	0	0	0	0	NON_CORE
C24H12.5	Y71A12B.1	1	0	0	0	0	0	NON_CORE
C25A1.6	F44E7.4	0	0	0	0	0	1	INTEROLOG
C25A1.6	Y48A6B.3	0	0	0	0	0	1	INTEROLOG

Table S5. WI5 interactions list

C25D7.8	M7.1	2	0	0	0	0	0	CORE_2
C25D7.8	W02G9.2	1	0	0	0	0	0	CORE_2
C26B2.6	C38D4.6	1	0	0	0	0	0	CORE_2
C26B2.6	W04D2.1	1	0	0	0	0	0	CORE_2
C26C6.2	C05B5.7	0	0	0	0	1	0	LITERATURE
C26C6.2	C38C10.4	0	0	0	0	2	0	LITERATURE
C26C6.2	F13D12.7	0	0	0	0	1	0	LITERATURE
C26C6.2	F16H9.1	0	0	0	0	2	0	LITERATURE
C26C6.2	F22B7.13	4	0	0	0	2	0	CORE_1
C26C6.2	F22B7.13	4	0	0	0	2	0	LITERATURE
C26C6.2	F32A6.4	9	0	0	0	0	0	CORE_1
C26C6.2	F38H4.3	1	0	0	0	0	0	CORE_2
C26C6.2	F53A10.2	19	0	0	0	0	0	CORE_1
C26C6.2	R07H5.1	0	1	0	0	0	0	NON_CORE
C26C6.2	R151.3	1	0	0	0	0	0	NON_CORE
C26E6.4	C36B1.3	0	0	0	0	0	1	INTEROLOG
C26E6.4	H27M09.2	0	0	0	0	0	1	INTEROLOG
C26E6.4	Y39G10AL.3	0	0	0	0	0	1	INTEROLOG
C26E6.4	Y54E10BR.6	0	0	0	0	0	1	INTEROLOG
C26E6.4	Y97E10AR.5	0	0	0	0	0	1	INTEROLOG
C26E6.6	B0303.15	0	0	0	0	0	1	INTEROLOG
C26E6.6	F13G3.11	0	0	0	0	0	1	INTEROLOG
C27A2.5	F13B10.2	1	0	0	0	0	0	NON_CORE
C27A2.5	F38A3.2	1	0	0	0	0	0	NON_CORE
C27A2.5	K12G11.3	1	0	0	0	0	0	NON_CORE
C27A2.5	T05F1.3	1	0	0	0	0	0	NON_CORE
C27A2.5	W09G12.7	0	1	0	0	0	0	CORE_2
C27A2.5	Y39B6A.1	15	0	0	0	0	0	CORE_1
C27A2.5	Y73F8A.5	1	0	0	0	0	0	NON_CORE
C27B7.1	B0336.7	2	0	0	0	0	0	CORE_2
C27B7.1	B0412.1	1	0	0	0	0	0	CORE_2
C27B7.1	R07B7.3	0	1	0	0	0	0	CORE_2
C27B7.1	T04C12.5	1	0	0	0	0	0	NON_CORE
C27B7.1	T05E7.1	1	0	0	0	0	0	NON_CORE
C27B7.8	C35B8.2	0	0	0	0	0	1	INTEROLOG
C27H5.1	C34C6.6	1	0	0	0	0	0	NON_CORE
C27H5.1	F40F9.6	1	0	0	0	0	0	NON_CORE
C27H5.1	H02I12.5	1	0	0	0	0	0	NON_CORE
C27H5.1	T27E9.1	1	0	0	0	0	0	NON_CORE
C27H6.2	T22D1.10	0	0	37	0	0	0	SCAFFOLD
C28A5.3	F10C1.2	3	0	0	0	0	0	CORE_1
C28D4.3	C28D4.3	0	0	4	0	0	0	SCAFFOLD
C28H8.11	C28H8.11	7	9	0	0	0	0	CORE_1
C28H8.11	C47B2.6	1	0	0	0	0	0	CORE_2
C28H8.11	W02G9.2	2	0	0	0	0	0	CORE_2
C28H8.12	C15F1.6	1	0	0	0	0	0	NON_CORE
C28H8.12	C28H8.12	23	0	0	0	0	0	CORE_1
C28H8.12	C34E10.6	1	0	0	0	0	0	CORE_2
C28H8.12	F10C1.2	2	3	0	0	0	0	CORE_1
C28H8.12	F25H2.11	1	0	0	0	0	0	NON_CORE
C28H8.12	K04D7.1	1	0	0	0	0	0	CORE_2
C28H8.12	R02F11.4	1	0	0	0	0	0	CORE_2
C28H8.12	T05A8.3	1	0	0	0	0	0	NON_CORE
C28H8.12	T27E9.1	1	0	0	0	0	0	CORE_2
C28H8.12	W09H1.6	1	0	0	0	0	0	NON_CORE
C28H8.12	W10G11.20	20	0	0	0	0	0	CORE_1
C28H8.12	Y53F4B.22	18	0	0	0	0	0	CORE_1
C28H8.12	ZC328.4	1	0	0	0	0	0	NON_CORE
C28H8.6	F57G12.2	0	1	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

C28H8.6	T11B7.4	0	1	0	0	0	0	NON_CORE
C28H8.9	C34F11.9	1	0	0	0	0	0	CORE_2
C28H8.9	C44C10.4	1	0	0	0	0	0	NON_CORE
C28H8.9	F36G3.1	1	0	0	0	0	0	CORE_2
C28H8.9	M04G12.1	0	2	0	0	0	0	CORE_2
C28H8.9	T05C12.6	1	0	0	0	0	0	CORE_2
C28H8.9	W07B8.5	1	0	0	0	0	0	NON_CORE
C28H8.9	Y39B6A.1	3	0	0	0	0	0	NON_CORE
C29E4.7	T03F1.1	1	0	0	0	0	0	NON_CORE
C29F9.5	C38D4.6	1	0	0	0	0	0	SCAFFOLD
C29F9.5	F52E4.1	2	0	0	0	0	0	SCAFFOLD
C30A5.2	F20H11.5	1	0	0	0	0	0	SCAFFOLD
C30A5.2	R01H10.5	1	0	0	0	0	0	SCAFFOLD
C30A5.2	Y43C5A.6	1	0	0	0	0	0	SCAFFOLD
C30C11.2	F10G7.8	0	0	0	0	0	1	INTEROLOG
C30C11.2	F19B10.1	2	0	0	0	0	0	SCAFFOLD
C30C11.2	F23F12.6	0	0	0	0	0	1	INTEROLOG
C30C11.2	F49C12.8	1	0	0	0	0	0	SCAFFOLD
C30C11.2	F57B9.10	0	0	0	0	0	1	INTEROLOG
C30C11.2	Y119D3B.15	7	0	0	0	0	0	NON_CORE
C30C11.2	Y119D3B.15	7	0	0	0	0	0	SCAFFOLD
C30F8.2	F20B6.2	0	0	0	0	0	1	INTEROLOG
C30F8.2	ZK637.8	0	0	0	0	0	1	INTEROLOG
C30F8.2	ZK970.4	0	0	0	0	0	1	INTEROLOG
C32E8.10	T20G5.1	0	0	0	0	0	1	INTEROLOG
C32E8.11	C35B1.1	0	0	0	0	0	1	INTEROLOG
C32H11.5	R05F9.10	3	1	0	0	0	0	CORE_1
C33A11.2	Y39B6A.2	1	0	0	0	0	0	NON_CORE
C33A11.2	ZK637.2	1	0	0	0	0	0	NON_CORE
C33C12.3	C39E6.1	0	1	0	0	0	0	NON_CORE
C33C12.3	F12F6.2	0	1	0	0	0	0	NON_CORE
C33C12.3	F31E8.3	0	1	0	0	0	0	NON_CORE
C33C12.3	F56F10.2	0	1	0	0	0	0	NON_CORE
C33C12.8	Y116A8C.22	1	0	0	0	0	0	NON_CORE
C33C12.8	Y19D10B.7	0	1	0	0	0	0	NON_CORE
C33C12.8	Y45G5AM.9	1	0	0	0	0	0	NON_CORE
C33G8.6	C11G6.4	0	2	0	0	0	0	CORE_2
C33G8.6	F55H2.5	0	1	0	0	0	0	NON_CORE
C33H5.9	C28G1.3	0	0	0	0	0	1	INTEROLOG
C34B2.4	C08C3.3	1	0	0	0	0	0	NON_CORE
C34B2.4	C38D4.6	1	0	0	0	0	0	NON_CORE
C34B7.3	ZK849.2	0	2	0	0	0	0	CORE_2
C34C12.8	C18B2.5	1	0	0	0	0	0	NON_CORE
C34C12.8	C37H5.8	0	0	0	0	0	1	INTEROLOG
C34D10.1	C02F12.4	1	0	0	0	0	0	CORE_2
C34D10.1	K01D12.12	1	0	0	0	0	0	NON_CORE
C34D10.1	K08H10.2	1	0	0	0	0	0	CORE_2
C34D10.1	T02C5.1	1	0	0	0	0	0	NON_CORE
C34E10.2	B0207.6	1	0	0	0	0	0	CORE_2
C34E10.2	Y75B8A.14	1	0	0	0	0	0	CORE_2
C34E10.6	F27C1.7	0	0	0	0	0	1	INTEROLOG
C34E10.6	F28D1.2	0	1	0	0	0	0	CORE_2
C34E10.6	F58F12.1	0	0	0	0	0	1	INTEROLOG
C34E10.6	H28O16.1	0	0	0	0	0	1	INTEROLOG
C34E10.6	Y69A2AR.18	0	0	0	0	0	1	INTEROLOG
C34F6.6	C40H1.1	0	1	0	0	0	0	NON_CORE
C34G6.5	Y17G7B.5	0	0	0	0	0	1	INTEROLOG
C35A5.8	F45F2.6	0	1	0	0	0	0	NON_CORE
C35A5.8	W07G4.3	0	1	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

C35A5.9	B0547.1	1	0	0	0	0	0	SCAFFOLD
C35B1.1	C50F4.11	1	0	0	0	0	0	SCAFFOLD
C35B1.1	F21F8.7	1	0	0	0	0	0	SCAFFOLD
C35B1.1	F25B5.4	0	0	0	0	2	0	LITERATURE
C35B1.1	F29D10.2	0	1	0	0	0	0	NON_CORE
C35B1.1	K10B3.8	1	0	0	0	0	0	SCAFFOLD
C35B1.1	R05D3.4	1	2	0	0	0	0	CORE_1
C35B1.1	R05D3.4	1	2	0	0	0	0	SCAFFOLD
C35B1.1	T01D1.6	1	0	0	0	0	0	NON_CORE
C35B1.1	T02C1.1	0	0	0	0	0	1	INTEROLOG
C35B1.1	T10H10.1	1	0	0	0	0	0	SCAFFOLD
C35B1.1	Y38A10A.5	1	0	0	0	0	0	SCAFFOLD
C35B1.1	ZK742.3	0	1	0	0	0	0	NON_CORE
C35B8.2	B0244.8	1	0	0	0	0	0	NON_CORE
C35B8.2	C38D4.6	12	0	0	0	0	0	CORE_1
C35B8.2	F31E3.5	2	0	0	0	0	0	NON_CORE
C35B8.2	T28C6.7	3	0	0	0	0	0	CORE_1
C35B8.2	Y75B8A.1	1	0	0	0	0	0	CORE_2
C35B8.2	ZK770.3	1	0	0	0	0	0	NON_CORE
C35D10.16	K07C5.1	0	0	0	0	0	1	INTEROLOG
C35D10.16	M01B12.3	0	0	0	0	0	1	INTEROLOG
C35D10.16	Y71F9AL.16	0	0	0	0	0	1	INTEROLOG
C35D10.2	C32F10.6	0	1	0	0	0	0	CORE_2
C35D10.2	F25D1.5	0	1	0	0	0	0	NON_CORE
C35D10.2	Y75B8A.1	0	1	0	0	0	0	CORE_2
C35D10.9	C35D10.9	0	0	0	0	1	0	LITERATURE
C35D10.9	C48D1.2	0	0	0	0	2	0	LITERATURE
C35D10.9	F35D6.1	0	0	0	0	2	0	LITERATURE
C35D10.9	T07C4.8	0	0	0	0	2	0	LITERATURE
C35D10.9	Y48C3A.7	0	0	0	0	1	0	LITERATURE
C36A4.8	K04C2.4	1	0	0	0	0	0	SCAFFOLD
C36A4.8	K07F5.14	1	0	0	0	0	0	SCAFFOLD
C36A4.8	T26A5.9	1	0	0	0	0	0	SCAFFOLD
C36B1.3	C06A1.5	0	0	0	0	0	1	INTEROLOG
C36B1.3	H27M09.2	0	0	0	0	0	1	INTEROLOG
C36B1.3	Y37E3.3	0	0	0	0	0	1	INTEROLOG
C36B1.3	Y54E10BR.6	0	0	0	0	0	1	INTEROLOG
C36B1.3	Y97E10AR.5	0	0	0	0	0	1	INTEROLOG
C36B1.4	C15H11.7	0	0	0	0	0	1	INTEROLOG
C36B1.4	C48B6.3	12	0	0	0	0	0	SCAFFOLD
C36B1.4	C48D5.1	1	0	0	0	0	0	SCAFFOLD
C36B1.4	C56C10.7	1	0	0	0	0	0	SCAFFOLD
C36B1.4	D1054.2	0	0	0	0	0	1	INTEROLOG
C36B1.4	D1054.2	0	0	0	1	0	0	SCAFFOLD
C36B1.4	F23F1.8	0	0	0	1	0	0	SCAFFOLD
C36B1.4	F39H12.1	4	0	0	0	0	0	SCAFFOLD
C36B1.4	H15N14.2	1	0	0	0	0	0	SCAFFOLD
C36B1.4	T20F5.2	0	0	0	0	0	1	INTEROLOG
C36B1.4	W02G9.2	6	0	0	0	0	0	SCAFFOLD
C36B1.5	C50C3.6	0	0	0	0	0	1	INTEROLOG
C36B1.5	M03C11.7	0	0	0	0	0	1	INTEROLOG
C36B1.5	Y110A7A.8	0	0	0	0	0	1	INTEROLOG
C36B1.5	Y49E10.15	0	0	0	0	0	1	INTEROLOG
C36B1.5	Y59A8B.6	0	0	0	0	0	1	INTEROLOG
C36C9.1	C27A2.6	0	0	15	0	0	0	SCAFFOLD
C36C9.1	C36C9.1	0	0	1	0	0	0	SCAFFOLD
C36C9.1	C50E3.13	0	0	9	0	0	0	SCAFFOLD
C36C9.1	F28D1.2	0	0	40	0	0	0	SCAFFOLD
C36C9.1	M7.2	0	0	1	0	0	0	SCAFFOLD

Table S5. WI5 interactions list

C36C9.1	R07B7.2	0	0	1	0	0	0	SCAFFOLD
C37A2.3	T21G5.5	0	1	0	0	0	0	NON_CORE
C37A2.7	W02G9.2	1	0	0	0	0	0	NON_CORE
C37A2.7	Y37E3.7	1	1	0	0	0	0	CORE_2
C37C3.2	T23D8.4	0	0	0	0	0	1	INTEROLOG
C37C3.2	Y54E2A.11	0	0	0	0	0	1	INTEROLOG
C37C3.6	C47E8.5	1	0	0	0	0	0	NON_CORE
C37C3.6	F44G3.9	0	1	0	0	0	0	NON_CORE
C37E2.1	F43G9.1	3	0	0	0	0	0	CORE_1
C37E2.2	T08G2.3	1	0	0	0	0	0	NON_CORE
C37H5.8	F22B7.5	0	0	0	0	0	1	INTEROLOG
C38C10.4	C26C6.2	0	0	0	0	2	0	LITERATURE
C38C10.4	F22B7.13	0	0	0	0	1	0	LITERATURE
C38C10.4	T09A5.10	0	0	0	0	1	0	LITERATURE
C38C10.4	Y95B8A.5	0	0	0	0	1	0	LITERATURE
C38C10.5	F36A4.7	0	0	0	0	2	0	LITERATURE
C38C10.5	R03D7.6	1	0	0	0	0	0	NON_CORE
C38C10.5	Y15E3A.1	1	0	0	0	0	0	NON_CORE
C38C3.5	M03F4.2	0	0	0	0	0	1	INTEROLOG
C38D4.5	C06E8.3	0	1	0	0	0	0	NON_CORE
C38D4.5	C34D4.2	0	1	0	0	0	0	NON_CORE
C38D4.5	C56G7.1	0	1	0	0	0	0	NON_CORE
C38D4.5	F21H7.3	0	1	0	0	0	0	NON_CORE
C38D4.5	F49B2.5	0	1	0	0	0	0	NON_CORE
C38D4.5	R09B3.2	0	1	0	0	0	0	NON_CORE
C38D4.5	T10E10.4	0	1	0	0	0	0	NON_CORE
C38D4.5	T28D6.9	0	1	0	0	0	0	NON_CORE
C38D4.5	ZK488.4	0	1	0	0	0	0	NON_CORE
C38D4.5	ZK938.1	0	1	0	0	0	0	NON_CORE
C38D4.9	C38D4.6	1	0	0	0	0	0	CORE_2
C39E9.13	C54G10.2	1	0	0	0	0	0	SCAFFOLD
C39E9.14	C01B12.1	1	0	0	0	0	0	NON_CORE
C39E9.14	F01F1.12	1	0	0	0	0	0	NON_CORE
C39E9.14	F39B2.11	1	0	0	0	0	0	NON_CORE
C39E9.14	F39H11.5	1	0	0	0	0	0	NON_CORE
C39E9.14	F56E10.2	1	0	0	0	0	0	NON_CORE
C39E9.14	T15B7.3	1	0	0	0	0	0	NON_CORE
C39E9.14	Y113G7A.13	1	0	0	0	0	0	CORE_2
C39E9.14	Y57G11C.22	1	0	0	0	0	0	NON_CORE
C39E9.14	ZC328.4	1	0	0	0	0	0	CORE_2
C40A11.2	B0222.8	1	0	0	0	0	0	NON_CORE
C40A11.2	C03A7.14	1	0	0	0	0	0	NON_CORE
C40A11.2	C18E9.9	1	0	0	0	0	0	CORE_2
C40A11.2	F01F1.12	1	0	0	0	0	0	CORE_2
C40A11.2	F17E9.5	0	1	0	0	0	0	CORE_2
C40A11.2	F21D5.6	1	0	0	0	0	0	NON_CORE
C40A11.2	Y39B6A.1	3	0	0	0	0	0	NON_CORE
C40C9.5	C05D9.7	1	0	0	0	0	0	NON_CORE
C40H1.6	T03F1.1	3	1	0	0	0	0	CORE_1
C40H1.6	W02G9.2	1	0	0	0	0	0	CORE_2
C42C1.4	C42C1.4	0	1	0	0	0	0	NON_CORE
C42D4.8	F58A4.9	0	0	0	0	0	1	INTEROLOG
C42D4.8	H27M09.2	0	0	0	0	0	1	INTEROLOG
C42D4.8	W09C3.4	0	0	0	0	0	1	INTEROLOG
C42D4.8	ZK856.10	0	0	0	0	0	1	INTEROLOG
C43E11.10	F55B12.3	0	0	0	0	0	1	INTEROLOG
C43E11.10	T05G5.3	0	0	0	0	0	1	INTEROLOG
C43E11.8	F17A9.5	0	1	0	0	0	0	NON_CORE
C43H6.5	K10D2.1	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

C44B11.1	C09B8.6	1	0	0	0	0	0	CORE_2
C44B11.1	D1081.6	1	0	0	0	0	0	NON_CORE
C44B7.1	F56H1.4	20	0	0	1	0	0	SCAFFOLD
C44B7.1	H15N14.2	1	0	0	0	0	0	SCAFFOLD
C44H4.5	B0250.1	1	0	0	0	0	0	NON_CORE
C44H4.5	C06G1.4	1	0	0	0	0	0	NON_CORE
C44H4.5	C38D4.6	1	0	0	0	0	0	NON_CORE
C44H4.5	C48D5.1	2	0	0	0	0	0	CORE_2
C44H4.5	F40F8.10	1	0	0	0	0	0	NON_CORE
C44H4.5	F46H5.3	1	0	0	0	0	0	NON_CORE
C44H4.5	F52D10.3	1	0	0	0	0	0	CORE_2
C44H4.5	F52F12.3	0	0	0	0	1	0	LITERATURE
C44H4.5	T05H10.5	1	0	0	0	0	0	NON_CORE
C44H4.5	T28C6.7	1	0	0	0	0	0	CORE_2
C44H4.5	W05B10.1	1	0	0	0	0	0	NON_CORE
C44H4.5	Y73F8A.6	1	0	0	0	0	0	NON_CORE
C45G3.1	B0001.1	3	0	0	0	0	0	CORE_1
C45G3.1	R02F11.4	5	0	0	0	0	0	CORE_1
C45G3.1	T21H3.3	3	0	0	0	0	0	CORE_1
C45G3.1	W04D2.1	1	0	0	0	0	0	CORE_2
C45G9.5	C01B7.4	0	2	0	0	0	0	CORE_2
C45G9.5	M176.2	0	2	0	0	0	0	CORE_2
C45G9.7	C34G6.2	2	0	0	0	0	0	CORE_2
C45G9.7	F42A10.2	0	2	0	0	0	0	CORE_2
C45G9.7	F59E12.11	1	0	0	0	0	0	CORE_2
C45G9.7	K05C4.6	5	0	0	0	0	0	CORE_1
C45G9.7	T20F5.4	1	0	0	0	0	0	CORE_2
C45G9.7	ZK1128.7	1	6	0	0	0	0	CORE_1
C46H11.8	F09F7.5	2	1	0	0	0	0	CORE_1
C46H11.8	F32E10.4	1	0	0	0	0	0	NON_CORE
C46H11.8	F45E1.7	2	1	0	0	0	0	CORE_1
C46H11.8	F53A2.7	1	0	0	0	0	0	NON_CORE
C46H11.8	Y39B6A.1	1	0	0	0	0	0	NON_CORE
C46H11.8	Y54E2A.11	1	0	0	0	0	0	NON_CORE
C46H11.8	Y65B4BR.4	6	0	0	0	0	0	CORE_1
C46H11.8	ZK484.1	1	0	0	0	0	0	NON_CORE
C47B2.3	B0272.1	0	0	0	0	0	1	INTEROLOG
C47B2.3	M01A8.2	0	0	0	0	0	1	INTEROLOG
C47B2.4	Y38A8.2	2	0	0	1	0	0	SCAFFOLD
C47B2.4	ZK20.3	0	0	0	0	0	1	INTEROLOG
C47D12.1	Y47G6A.6	0	0	0	0	0	1	INTEROLOG
C47D12.1	Y51H1A.4	0	0	0	0	0	1	INTEROLOG
C47D12.2	B0391.10	0	1	0	0	0	0	NON_CORE
C47D12.2	C31H5.4	0	1	0	0	0	0	NON_CORE
C47D12.2	F13C5.6	0	1	0	0	0	0	NON_CORE
C47D12.2	F37A4.9	0	1	0	0	0	0	NON_CORE
C47D12.2	F52C6.2	0	5	0	0	0	0	CORE_1
C47D12.2	F52E1.13	1	74	0	0	0	0	CORE_1
C47D12.2	F53B3.1	0	1	0	0	0	0	NON_CORE
C47D12.2	K07A1.2	0	1	0	0	0	0	NON_CORE
C47D12.2	M106.4	1	0	0	0	0	0	CORE_2
C47D12.2	T20F10.1	0	1	0	0	0	0	CORE_2
C47D12.2	T23F11.2	0	1	0	0	0	0	NON_CORE
C47D12.2	T28H11.4	0	1	0	0	0	0	NON_CORE
C47D12.2	Y105E8A.1	0	1	0	0	0	0	CORE_2
C47D12.2	Y106G6H.14	0	1	0	0	0	0	NON_CORE
C47D12.2	Y11D7A.11	0	1	0	0	0	0	CORE_2
C47D12.2	Y43C5B.2	0	1	0	0	0	0	NON_CORE
C47D12.2	Y57G11C.10	0	1	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

C47D12.2	Y62E10A.12	0	1	0	0	0	0	NON_CORE
C47D12.8	K07G5.2	0	0	0	0	0	1	INTEROLOG
C47E8.5	C17G10.2	0	0	0	0	0	1	INTEROLOG
C47E8.5	T19A5.2	0	0	0	0	0	1	INTEROLOG
C47E8.7	C29F9.7	0	0	0	0	1	0	LITERATURE
C47G2.3	Y66D12A.22	0	0	0	0	0	1	INTEROLOG
C48D1.2	C35D10.9	0	0	0	0	2	0	LITERATURE
C48D1.2	T07C4.8	0	0	0	0	3	0	LITERATURE
C48D1.2	Y48C3A.7	0	0	0	0	1	0	LITERATURE
C48E7.9	K08A8.1	4	0	0	0	0	0	CORE_1
C49A1.4	B0286.4	2	21	0	0	0	0	CORE_1
C49A1.4	B0478.3	1	0	0	0	0	0	NON_CORE
C49A1.4	B0513.1	0	2	0	0	0	0	CORE_2
C49A1.4	C02B10.5	2	1	0	0	0	0	CORE_1
C49A1.4	C02F12.8	0	2	0	0	0	0	CORE_2
C49A1.4	C04A2.3	1	0	0	0	0	0	CORE_2
C49A1.4	C07A12.1	1	1	0	0	0	0	CORE_2
C49A1.4	C08C3.3	1	0	0	0	0	0	NON_CORE
C49A1.4	C09G1.4	0	2	0	0	0	0	CORE_2
C49A1.4	C10G8.7	0	2	0	0	0	0	CORE_2
C49A1.4	C14C11.2	1	0	0	0	0	0	NON_CORE
C49A1.4	C16B8.3	2	6	0	0	0	0	CORE_1
C49A1.4	C27B7.4	0	25	0	0	0	0	CORE_1
C49A1.4	C32A3.1	0	1	0	0	0	0	CORE_2
C49A1.4	C32E8.10	0	8	0	0	0	0	CORE_1
C49A1.4	C33G3.1	0	1	0	0	0	0	CORE_2
C49A1.4	C35E7.2	1	0	0	0	0	0	CORE_2
C49A1.4	C49H3.5	0	8	0	0	0	0	CORE_1
C49A1.4	C53C7.3	0	4	0	0	0	0	CORE_1
C49A1.4	D1046.1	4	2	0	0	0	0	CORE_1
C49A1.4	D2089.4	0	2	0	0	0	0	CORE_2
C49A1.4	D2096.8	0	1	0	0	0	0	NON_CORE
C49A1.4	F13G11.1	0	1	0	0	0	0	CORE_2
C49A1.4	F14F9.4	1	0	0	0	0	0	CORE_2
C49A1.4	F15C11.1	1	0	0	0	0	0	CORE_2
C49A1.4	F20A1.6	0	1	0	0	0	0	NON_CORE
C49A1.4	F27D4.5	1	0	0	0	0	0	CORE_2
C49A1.4	F44A2.1	4	0	0	0	0	0	CORE_1
C49A1.4	F46A9.6	1	2	0	0	0	0	CORE_1
C49A1.4	F52E4.6	1	0	0	0	0	0	NON_CORE
C49A1.4	F53E4.1	0	1	0	0	0	0	NON_CORE
C49A1.4	F54C8.7	1	0	0	0	0	0	NON_CORE
C49A1.4	F54D8.6	2	0	0	0	0	0	CORE_2
C49A1.4	F56A12.1	2	7	0	0	0	0	CORE_1
C49A1.4	F57G12.2	0	4	0	0	0	0	CORE_1
C49A1.4	F58B3.3	0	1	0	0	0	0	NON_CORE
C49A1.4	F59A2.1	8	16	0	0	0	0	CORE_1
C49A1.4	F59A2.4	1	0	0	0	0	0	NON_CORE
C49A1.4	H28G03.2	1	0	0	0	0	0	CORE_2
C49A1.4	K01B6.1	0	1	0	0	0	0	CORE_2
C49A1.4	K02B9.1	0	1	0	0	0	0	NON_CORE
C49A1.4	K02B9.2	0	2	0	0	0	0	CORE_2
C49A1.4	K02E10.4	1	0	0	0	0	0	CORE_2
C49A1.4	K08F8.2	1	0	0	0	0	0	CORE_2
C49A1.4	K09B11.9	0	1	0	0	0	0	CORE_2
C49A1.4	M106.4	1	0	0	0	0	0	CORE_2
C49A1.4	M142.6	0	4	0	0	0	0	CORE_1
C49A1.4	R06A4.4	0	9	0	0	0	0	CORE_1
C49A1.4	R119.4	27	0	0	0	0	0	CORE_1

Table S5. WI5 interactions list

C49A1.4	R74.5	2	0	0	0	0	0	CORE_2
C49A1.4	T01G1.3	0	1	0	0	0	0	NON_CORE
C49A1.4	T01G9.6	1	0	0	0	0	0	CORE_2
C49A1.4	T02E1.3	0	1	0	0	0	0	CORE_2
C49A1.4	T04H1.5	0	1	0	0	0	0	NON_CORE
C49A1.4	T07D1.4	3	0	0	0	0	0	CORE_1
C49A1.4	T07F8.3	1	0	0	0	0	0	CORE_2
C49A1.4	T21G5.5	1	0	0	0	0	0	CORE_2
C49A1.4	T22A3.3	1	0	0	0	0	0	CORE_2
C49A1.4	T25E4.1	1	0	0	0	0	0	NON_CORE
C49A1.4	W01A11.4	1	0	0	0	0	0	CORE_2
C49A1.4	W03F11.6	1	0	0	0	0	0	CORE_2
C49A1.4	W04A8.7	0	1	0	0	0	0	NON_CORE
C49A1.4	W08E12.8	1	0	0	0	0	0	CORE_2
C49A1.4	W10C8.2	0	1	0	0	0	0	CORE_2
C49A1.4	Y113G7B.23	0	2	0	0	0	0	CORE_2
C49A1.4	Y119C1A.1	0	5	0	0	0	0	CORE_1
C49A1.4	Y45G12C.7	0	1	0	0	0	0	NON_CORE
C49A1.4	Y50E8A.9	1	0	0	0	0	0	CORE_2
C49A1.4	Y54G2A.26	1	0	0	0	0	0	CORE_2
C49A1.4	Y5H2B.2	1	0	0	0	0	0	CORE_2
C49A1.4	Y63D3A.5	0	2	0	0	0	0	CORE_2
C49A1.4	Y79H2A.1	3	0	0	0	0	0	CORE_1
C49A1.4	ZK121.2	0	1	0	0	0	0	CORE_2
C49A1.4	ZK973.9	0	1	0	0	0	0	NON_CORE
C49C8.4	F52B11.3	1	0	0	0	0	0	NON_CORE
C49F5.6	T14G10.6	0	0	1	0	0	0	SCAFFOLD
C49G7.1	C02C6.1	1	0	0	0	0	0	SCAFFOLD
C49G7.1	C05C8.7	1	0	0	0	0	0	SCAFFOLD
C49G7.1	F33E11.3	1	0	0	0	0	0	SCAFFOLD
C49G7.1	F54B11.5	1	0	0	0	0	0	SCAFFOLD
C49G7.1	H14N18.1	1	0	0	0	0	0	SCAFFOLD
C49G7.1	T22E5.5	1	0	0	0	0	0	SCAFFOLD
C49G7.1	Y57G11C.9	2	0	0	0	0	0	SCAFFOLD
C49H3.11	C23G10.3	0	0	0	0	0	1	INTEROLOG
C49H3.11	F36A2.6	0	0	0	0	0	1	INTEROLOG
C49H3.11	F37C12.9	0	0	0	0	0	1	INTEROLOG
C49H3.11	F53A3.3	0	0	0	0	0	1	INTEROLOG
C49H3.11	T01C3.6	0	0	0	0	0	1	INTEROLOG
C49H3.5	F57B9.2	0	0	0	0	0	1	INTEROLOG
C49H3.5	Y56A3A.1	0	0	0	0	0	1	INTEROLOG
C49H3.5	ZC518.3	0	0	0	0	0	1	INTEROLOG
C50B8.4	C25D7.6	0	1	0	0	0	0	NON_CORE
C50C3.6	F56D2.6	0	0	0	0	0	1	INTEROLOG
C50C3.6	Y110A7A.8	0	0	0	0	0	1	INTEROLOG
C50C3.6	Y59A8B.6	0	0	0	0	0	1	INTEROLOG
C50C3.8	C27B7.4	0	1	0	0	0	0	CORE_2
C50C3.8	C50C3.8	0	0	3	0	0	0	SCAFFOLD
C50C3.8	K08F8.4	2	0	0	0	0	0	CORE_2
C50C3.8	ZK1055.1	1	0	0	0	0	0	CORE_2
C50E3.13	C50E3.13	0	0	3	0	0	0	SCAFFOLD
C50F2.3	D1081.8	0	0	0	0	0	1	INTEROLOG
C50F2.3	T27F2.1	0	0	0	0	0	1	INTEROLOG
C50F4.13	C38D4.6	1	0	0	0	0	0	SCAFFOLD
C50F4.13	C50F4.5	0	0	0	0	0	1	INTEROLOG
C52B11.2	C52B11.2	11	45	0	0	0	0	CORE_1
C52B11.2	C53B4.5	1	0	0	0	0	0	NON_CORE
C52B11.2	W02G9.2	1	0	0	0	0	0	NON_CORE
C52B11.2	Y38A10A.5	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

C52B11.2	Y42H9AR.1	1	0	0	0	0	0	CORE_2
C52E4.4	B0205.3	0	0	0	0	0	1	INTEROLOG
C52E4.4	C30C11.2	0	0	0	0	0	1	INTEROLOG
C52E4.4	F10G7.8	0	0	0	0	0	1	INTEROLOG
C52E4.4	F23F12.6	0	0	0	0	0	1	INTEROLOG
C52E4.4	F29G9.5	0	0	0	0	0	1	INTEROLOG
C52E4.4	F35G12.12	32	0	39	0	0	0	SCAFFOLD
C52E4.4	F57B9.10	0	0	0	0	0	1	INTEROLOG
C52E4.4	K07D4.3	0	0	0	0	0	1	INTEROLOG
C52E4.4	T06D8.8	0	0	0	0	0	1	INTEROLOG
C52E4.4	Y49E10.1	0	0	0	0	0	1	INTEROLOG
C52E4.4	ZK20.3	0	0	0	0	0	1	INTEROLOG
C52E4.4	ZK20.5	0	0	0	0	0	1	INTEROLOG
C53A5.3	C09H10.6	1	0	0	0	0	0	NON_CORE
C53A5.3	C26F1.4	1	0	0	0	0	0	SCAFFOLD
C53A5.3	C28G1.3	1	0	0	0	0	0	SCAFFOLD
C53A5.3	C32F10.2	0	0	0	0	1	0	LITERATURE
C53A5.3	C50C3.6	1	0	0	0	0	0	NON_CORE
C53A5.3	F32A11.1	1	0	0	0	0	0	NON_CORE
C53A5.3	F55A11.1	1	0	0	0	0	0	SCAFFOLD
C53A5.3	K07A1.12	0	0	0	0	1	0	LITERATURE
C53A5.3	M04B2.1	0	0	0	0	1	0	LITERATURE
C53A5.3	T18H9.2	1	0	0	0	0	0	SCAFFOLD
C53A5.3	T22F3.2	1	0	0	0	0	0	SCAFFOLD
C53A5.3	W02D3.9	0	0	0	0	1	0	LITERATURE
C53A5.3	W10C8.2	0	0	0	0	1	0	LITERATURE
C53C7.1	C03A7.14	3	0	0	0	0	0	NON_CORE
C53C7.1	C29F4.1	1	0	0	0	0	0	NON_CORE
C53C7.1	F52C6.3	0	1	0	0	0	0	CORE_2
C53D5.6	K01G5.4	0	0	0	0	0	1	INTEROLOG
C53D6.6	C53D6.6	0	5	0	0	0	0	CORE_1
C53D6.6	M117.2	0	1	0	0	0	0	NON_CORE
C53D6.6	T07C4.1	5	0	0	0	0	0	CORE_1
C54E10.6	F10C1.7	2	0	0	0	0	0	SCAFFOLD
C54E10.6	F32E10.4	1	0	0	0	0	0	SCAFFOLD
C54E10.6	F55C12.1	1	0	0	0	0	0	SCAFFOLD
C54E10.6	T28C6.7	1	0	0	0	0	0	SCAFFOLD
C54E10.6	ZK867.1	1	0	0	0	0	0	SCAFFOLD
C54F6.14	C09D4.5	1	0	0	0	0	0	NON_CORE
C54F6.14	C54F6.14	0	2	0	0	0	0	CORE_2
C54F6.14	D1037.3	37	22	0	0	0	0	CORE_1
C54F6.14	F31E3.5	1	0	0	0	0	0	NON_CORE
C54F6.14	T08D10.1	1	0	0	0	0	0	NON_CORE
C54F6.14	T21B10.1	1	0	0	0	0	0	NON_CORE
C54F6.14	Y105E8B.4	0	1	0	0	0	0	CORE_2
C54F6.8	F53F10.5	1	0	0	0	0	0	CORE_2
C54F6.8	Y43F8C.1	0	1	0	0	0	0	CORE_2
C54G10.2	C39E9.13	0	0	0	0	0	1	INTEROLOG
C54G10.2	C39E9.13	1	0	0	0	0	0	SCAFFOLD
C54G10.2	F31E3.3	1	0	0	0	0	0	SCAFFOLD
C54G10.2	F58F6.4	0	0	0	0	0	1	INTEROLOG
C54G10.2	W03D2.4	1	0	0	0	0	0	SCAFFOLD
C55B7.4	F07A5.7	4	0	0	0	0	0	CORE_1
C55B7.9	F37C4.5	1	0	0	0	0	0	CORE_2
C55C3.1	F01D4.4	1	0	0	0	0	0	NON_CORE
C55C3.1	F02A9.3	1	0	0	0	0	0	NON_CORE
C55C3.1	F42G8.12	1	0	0	0	0	0	NON_CORE
C55C3.1	T07C4.1	2	0	0	0	0	0	CORE_2
C55C3.1	Y38F1A.6	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

C56C10.3	T27F7.1	0	0	0	0	0	1	INTEROLOG
C56C10.3	Y34D9A.10	0	0	0	0	0	1	INTEROLOG
C56C10.7	Y42H9AR.1	4	0	0	0	0	0	CORE_1
C56C10.8	C16A3.5	0	0	0	0	0	3	SCAFFOLD
C56C10.8	C18D11.4	0	0	0	0	0	3	SCAFFOLD
C56C10.8	F54F2.8	0	0	0	0	0	2	SCAFFOLD
C56C10.8	Y75B8A.2	0	0	0	0	0	3	SCAFFOLD
C56G2.7	C08B11.7	2	0	0	0	0	0	CORE_2
C56G2.7	C23G10.4	2	0	0	0	0	0	CORE_2
C56G2.7	C55B7.5	1	0	0	0	0	0	CORE_2
C56G2.7	R12B2.5	0	1	0	0	0	0	CORE_2
C56G2.7	T28H10.2	0	1	0	0	0	0	NON_CORE
C56G2.7	Y45F10D.12	1	0	0	0	0	0	NON_CORE
C56G7.1	W03G11.1	1	0	0	0	0	0	NON_CORE
CD4.6	C06A8.1	1	0	0	0	0	0	SCAFFOLD
CD4.6	C15H11.7	0	0	0	0	0	1	INTEROLOG
CD4.6	C15H11.7	1	0	0	0	0	0	SCAFFOLD
CD4.6	D1054.2	0	0	0	0	0	1	INTEROLOG
CD4.6	D1054.2	7	0	0	1	0	0	SCAFFOLD
CD4.6	F09E5.7	32	0	0	0	0	0	SCAFFOLD
CD4.6	T20F5.2	0	0	0	0	0	1	INTEROLOG
CD4.6	W02G9.2	2	0	0	0	0	0	SCAFFOLD
CD4.6	Y39G10AR.15	3	0	0	0	0	0	SCAFFOLD
CD4.6	Y79H2A.1	6	0	0	0	0	0	SCAFFOLD
CD4.6	ZK1098.4	5	0	0	0	0	0	SCAFFOLD
CD4.6	ZK930.3	2	0	0	0	0	0	SCAFFOLD
CD4.6	ZK945.2	145	0	0	1	0	0	SCAFFOLD
D1007.5	Y77E11A.13	1	0	0	0	0	0	NON_CORE
D1007.6	AC3.3	0	1	0	0	0	0	NON_CORE
D1007.6	B0024.1	0	1	0	0	0	0	NON_CORE
D1007.6	C02E7.3	0	1	0	0	0	0	NON_CORE
D1007.6	C05C12.5	0	1	0	0	0	0	NON_CORE
D1007.6	C09H10.8	0	1	0	0	0	0	NON_CORE
D1007.6	C25F9.4	0	1	0	0	0	0	NON_CORE
D1007.6	C39E9.4	0	1	0	0	0	0	NON_CORE
D1007.6	C40H1.2	0	1	0	0	0	0	NON_CORE
D1007.6	C42D4.2	0	1	0	0	0	0	NON_CORE
D1007.6	C47E8.3	0	1	0	0	0	0	NON_CORE
D1007.6	CC8.1	0	3	0	0	0	0	CORE_1
D1007.6	D2013.10	0	1	0	0	0	0	NON_CORE
D1007.6	D2013.7	0	1	0	0	0	0	NON_CORE
D1007.6	E02C12.11	0	1	0	0	0	0	NON_CORE
D1007.6	F13C5.3	0	1	0	0	0	0	NON_CORE
D1007.6	F28B4.3	0	1	0	0	0	0	NON_CORE
D1007.6	F39D8.2	0	1	0	0	0	0	NON_CORE
D1007.6	F44C8.11	0	1	0	0	0	0	NON_CORE
D1007.6	F54H5.4	0	1	0	0	0	0	NON_CORE
D1007.6	F59B2.10	0	1	0	0	0	0	NON_CORE
D1007.6	K04C1.5	0	1	0	0	0	0	NON_CORE
D1007.6	M04G7.2	0	1	0	0	0	0	NON_CORE
D1007.6	T24B8.5	0	1	0	0	0	0	NON_CORE
D1007.6	Y105E8B.7	0	1	0	0	0	0	NON_CORE
D1007.6	Y116F11A.4	0	1	0	0	0	0	NON_CORE
D1007.6	Y47G6A.8	0	1	0	0	0	0	NON_CORE
D1007.6	Y50E8A.1	0	1	0	0	0	0	NON_CORE
D1007.6	Y57A10A.23	0	1	0	0	0	0	NON_CORE
D1007.6	Y57G11C.2	0	1	0	0	0	0	NON_CORE
D1007.6	Y57G11C.3	0	1	0	0	0	0	NON_CORE
D1007.6	Y75B8A.1	0	1	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

D1007.6	ZC443.1	0	1	0	0	0	0	NON_CORE
D1007.6	ZC513.7	0	1	0	0	0	0	NON_CORE
D1007.6	ZK1307.2	0	1	0	0	0	0	NON_CORE
D1007.6	ZK930.4	0	1	0	0	0	0	NON_CORE
D1014.3	T10H9.4	0	0	0	0	0	1	INTEROLOG
D1022.8	C31H1.6	0	1	0	0	0	0	CORE_2
D1022.8	F09F3.13	0	1	0	0	0	0	NON_CORE
D1037.3	C54F6.14	0	12	0	0	0	0	CORE_1
D1037.3	D1037.3	10	42	0	0	0	0	CORE_1
D1037.3	W06F12.1	1	0	0	0	0	0	NON_CORE
D1037.3	W07G4.5	2	0	0	0	0	0	CORE_2
D1037.4	Y57G11C.10	0	0	0	0	0	1	INTEROLOG
D1046.1	D1046.1	0	0	3	0	0	0	SCAFFOLD
D1053.1	D1053.1	2	5	0	0	0	0	CORE_1
D1053.1	W02G9.2	4	0	0	0	0	0	CORE_1
D1054.13	C27A12.2	1	0	0	0	0	0	NON_CORE
D1054.13	D1054.13	4	9	0	0	0	0	CORE_1
D1054.13	F53G12.4	0	4	0	0	0	0	CORE_1
D1054.13	ZK632.6	1	0	0	0	0	0	CORE_2
D1054.15	T27F2.1	0	0	0	0	0	1	INTEROLOG
D1054.1	T28C6.6	1	0	0	0	0	0	NON_CORE
D1054.2	C15H11.7	0	0	0	0	0	1	INTEROLOG
D1054.2	D1054.2	2	0	0	1	0	0	SCAFFOLD
D1054.2	F39H11.5	0	0	0	0	0	1	INTEROLOG
D1054.2	F56H1.4	1	0	0	0	0	0	SCAFFOLD
D1054.2	H15N14.2	10	0	0	0	0	0	SCAFFOLD
D1054.2	T20F5.2	0	0	0	0	0	1	INTEROLOG
D1054.2	W02G9.2	3	0	0	0	0	0	SCAFFOLD
D1054.2	Y110A7A.14	0	0	0	0	0	1	INTEROLOG
D1054.2	Y38A8.2	0	0	0	0	0	1	INTEROLOG
D1054.2	Y42H9AR.1	1	0	0	0	0	0	SCAFFOLD
D1054.3	F46A9.5	0	0	0	0	0	1	INTEROLOG
D2007.4	Y37E11AR.2	1	0	0	0	0	0	CORE_2
D2013.10	Y41E3.7	1	0	0	0	0	0	NON_CORE
D2013.2	C05D9.1	1	0	0	0	0	0	CORE_2
D2013.2	C06E1.1	2	0	0	0	0	0	CORE_2
D2013.2	C36H8.1	0	1	0	0	0	0	CORE_2
D2013.2	D2092.1	1	0	0	0	0	0	CORE_2
D2013.2	D2096.2	5	0	0	0	0	0	CORE_1
D2013.2	F13E6.1	1	0	0	0	0	0	CORE_2
D2013.2	F17E9.5	2	2	0	0	0	0	CORE_1
D2013.2	F56A8.3	1	0	0	0	0	0	NON_CORE
D2013.2	W06A7.3	0	2	0	0	0	0	CORE_2
D2013.2	Y38C1AA.7	0	4	0	0	0	0	CORE_1
D2013.2	Y71F9B.3	15	0	0	0	0	0	CORE_1
D2013.2	ZK40.1	3	0	0	0	0	0	CORE_1
D2013.2	ZK822.4	1	0	0	0	0	0	NON_CORE
D2013.6	Y65B4BR.4	0	5	0	0	0	0	CORE_1
D2024.6	M106.5	0	0	0	0	0	1	INTEROLOG
D2030.6	C05E4.9	1	0	0	0	0	0	NON_CORE
D2030.6	C35E7.1	2	0	0	0	0	0	CORE_2
D2030.6	F25H2.5	1	0	0	0	0	0	NON_CORE
D2030.6	F33A8.3	1	0	0	0	0	0	NON_CORE
D2045.9	F15C11.2	1	0	0	0	0	0	CORE_2
D2045.9	H22K11.1	2	0	0	0	0	0	NON_CORE
D2045.9	R05F9.10	2	0	0	0	0	0	CORE_2
D2045.9	Y37D8A.16	1	0	0	0	0	0	NON_CORE
D2045.9	ZK637.5	18	6	0	0	0	0	CORE_1
D2096.8	C50F4.13	0	0	0	0	0	1	INTEROLOG

Table S5. WI5 interactions list

DY3.6	F45C12.11	0	1	0	0	0	0	CORE_2
E01A2.1	F25H9.6	0	1	0	0	0	0	CORE_2
E01A2.1	F37B12.2	6	0	0	0	0	0	CORE_1
E01H11.1	B0399.2	0	1	0	0	0	0	NON_CORE
E01H11.1	C30H7.2	0	1	0	0	0	0	NON_CORE
E01H11.1	F54A3.4	0	1	0	0	0	0	NON_CORE
E01H11.1	M195.1	0	1	0	0	0	0	NON_CORE
E01H11.1	T26E3.3	0	1	0	0	0	0	NON_CORE
E01H11.1	Y46C8AR.1	0	1	0	0	0	0	NON_CORE
E01H11.1	Y53F4B.33	0	1	0	0	0	0	NON_CORE
E02H1.7	K08H2.8	4	0	0	0	0	0	CORE_1
E02H1.7	K10C3.6	6	0	0	0	0	0	CORE_1
E02H1.7	Y37E11AR.2	1	0	0	0	0	0	CORE_2
E04A4.8	C26F1.9	0	0	0	0	0	1	INTEROLOG
E04A4.8	W09C5.6	0	0	0	0	0	1	INTEROLOG
E04A4.8	Y106G6H.3	0	0	0	0	0	1	INTEROLOG
E04F6.3	E04F6.3	13	0	0	0	0	0	CORE_1
F01D4.4	K08F11.3	2	0	0	0	0	0	CORE_2
F01D5.1	Y39B6A.1	2	0	0	0	0	0	NON_CORE
F01E11.1	F07D10.1	0	1	0	0	0	0	NON_CORE
F01E11.1	F53G12.1	1	0	0	0	0	0	NON_CORE
F01F1.12	F01F1.12	8	1	0	0	0	0	CORE_1
F01F1.12	T27A3.1	1	0	0	0	0	0	CORE_2
F01F1.4	C06G3.6	0	1	0	0	0	0	NON_CORE
F01F1.4	F01G12.6	0	1	0	0	0	0	NON_CORE
F01F1.4	F07C6.4	0	1	0	0	0	0	NON_CORE
F01F1.4	F11H8.1	0	1	0	0	0	0	NON_CORE
F01F1.4	F44G3.9	0	1	0	0	0	0	NON_CORE
F01G4.1	R07E5.3	0	0	0	0	0	1	INTEROLOG
F01G4.1	Y113G7B.23	0	0	0	0	0	1	INTEROLOG
F02C12.5	K10C8.1	0	1	0	0	0	0	NON_CORE
F02E8.3	T20B5.1	0	0	0	0	0	1	INTEROLOG
F02E9.4	C53A5.3	0	0	0	0	0	1	INTEROLOG
F07C4.11	C06A6.5	1	0	0	0	0	0	NON_CORE
F07H5.2	C05D2.4	0	1	0	0	0	0	CORE_2
F07H5.2	Y41E3.7	0	3	0	0	0	0	CORE_1
F08B4.5	F33H2.5	0	0	0	0	0	1	INTEROLOG
F08B6.3	K08D10.7	0	1	0	0	0	0	NON_CORE
F08B6.3	T08G5.5	1	0	0	0	0	0	NON_CORE
F08C6.3	B0414.8	9	0	0	0	0	0	CORE_1
F08C6.3	C43C3.1	1	0	0	0	0	0	CORE_2
F08C6.3	F54B11.7	0	3	0	0	0	0	CORE_1
F08C6.3	R01B10.4	0	1	0	0	0	0	CORE_2
F08C6.3	R107.5	1	0	0	0	0	0	CORE_2
F08C6.3	T05C12.6	2	0	0	0	0	0	CORE_2
F08C6.3	T18D3.7	2	24	0	0	0	0	CORE_1
F08C6.3	T20G5.1	1	0	0	0	0	0	CORE_2
F08C6.3	T22A3.3	1	0	0	0	0	0	CORE_2
F08C6.3	Y17G9B.9	2	0	0	0	0	0	CORE_2
F08C6.6	K08F11.3	1	0	0	0	0	0	NON_CORE
F08C6.6	R05F9.10	20	2	0	0	0	0	CORE_1
F08C6.6	ZK637.5	2	0	0	0	0	0	CORE_2
F08F3.2	Y104H12A.1	1	0	0	0	0	0	NON_CORE
F08F3.7	T27E9.1	1	0	0	0	0	0	NON_CORE
F08F3.9	C36E6.5	1	0	0	0	0	0	NON_CORE
F08F3.9	F01G4.6	1	0	0	0	0	0	NON_CORE
F08F3.9	K11G12.1	1	0	0	0	0	0	NON_CORE
F08F8.8	D1014.3	0	0	0	0	0	1	INTEROLOG
F08G12.2	C38D4.6	1	0	0	0	0	0	CORE_2

Table S5. WI5 interactions list

F08G12.2	T12G3.1	0	2	0	0	0	0	CORE_2
F08G12.2	W05B2.5	0	1	0	0	0	0	NON_CORE
F08G12.2	Y79H2A.1	4	0	0	0	0	0	CORE_1
F08G2.5	B0041.4	1	0	0	0	0	0	NON_CORE
F08G2.5	B0310.5	1	0	0	0	0	0	CORE_2
F08G2.5	C09D4.5	1	0	0	0	0	0	NON_CORE
F08G2.5	C33H5.4	1	0	0	0	0	0	NON_CORE
F08G2.5	C54E10.2	1	0	0	0	0	0	CORE_2
F08G2.5	CC8.1	2	0	0	0	0	0	CORE_2
F08G2.5	F08F8.5	4	1	0	0	0	0	CORE_1
F08G2.5	F31E3.5	2	0	0	0	0	0	NON_CORE
F08G2.5	F38A5.3	3	0	0	0	0	0	NON_CORE
F08G2.5	F44G3.9	0	8	0	0	0	0	CORE_1
F08G2.5	F52D10.3	1	0	0	0	0	0	NON_CORE
F08G2.5	F53B3.1	0	1	0	0	0	0	NON_CORE
F08G2.5	F53G12.10	1	0	0	0	0	0	CORE_2
F08G2.5	F54H12.6	1	0	0	0	0	0	NON_CORE
F08G2.5	H02I12.1	1	0	0	0	0	0	CORE_2
F08G2.5	K08E7.5	3	6	0	0	0	0	CORE_1
F08G2.5	R05G6.7	1	0	0	0	0	0	NON_CORE
F08G2.5	R10E4.1	1	0	0	0	0	0	NON_CORE
F08G2.5	T01B7.8	1	0	0	0	0	0	NON_CORE
F08G2.5	T05B11.1	1	0	0	0	0	0	NON_CORE
F08G2.5	W03G1.5	1	0	0	0	0	0	NON_CORE
F08G2.5	W10C8.2	0	1	0	0	0	0	CORE_2
F08G2.5	Y39B6A.1	56	0	0	0	0	0	CORE_1
F08G2.5	Y48C3A.10	1	0	0	0	0	0	NON_CORE
F08G2.5	Y48G1C.2	1	0	0	0	0	0	NON_CORE
F08G2.5	Y57G11C.9	1	0	0	0	0	0	NON_CORE
F08G2.5	ZK1058.4	1	0	0	0	0	0	NON_CORE
F08H9.1	F12E12.6	0	1	0	0	0	0	NON_CORE
F09C3.1	H32C10.3	0	0	0	0	0	1	INTEROLOG
F09C3.1	M03F4.2	0	0	0	0	0	1	INTEROLOG
F09C3.1	R07G3.1	0	0	0	0	0	1	INTEROLOG
F09E5.1	F54E7.3	0	0	0	0	2	0	LITERATURE
F09E5.1	T03D8.1	0	0	0	0	6	0	LITERATURE
F09E5.1	T26E3.3	0	5	0	0	0	0	CORE_1
F09F3.5	F14B8.4	0	1	0	0	0	0	NON_CORE
F09F3.6	R13A5.1	1	0	0	0	0	0	NON_CORE
F09F7.3	C42D4.8	0	0	0	0	0	1	INTEROLOG
F09F7.3	F58A4.9	0	0	0	0	0	1	INTEROLOG
F09F7.3	H27M09.2	0	0	0	0	0	1	INTEROLOG
F09F7.3	W09C3.4	0	0	0	0	0	1	INTEROLOG
F09F7.3	ZK856.10	0	0	0	0	0	1	INTEROLOG
F09F7.7	T09A5.12	1	0	0	0	0	0	NON_CORE
F09F7.7	T19E7.2	1	0	0	0	0	0	NON_CORE
F09F7.8	R02F2.5	0	25	0	0	0	0	CORE_1
F10B5.1	B0041.4	0	0	0	0	0	1	INTEROLOG
F10B5.1	B0250.1	0	0	0	0	0	1	INTEROLOG
F10B5.1	B0336.10	0	0	0	0	0	1	INTEROLOG
F10B5.1	F13B10.2	0	0	0	0	0	1	INTEROLOG
F10B5.1	F28C6.7	0	0	0	0	0	1	INTEROLOG
F10B5.1	F52B5.6	0	0	0	0	0	1	INTEROLOG
F10B5.1	F54C9.5	0	0	0	0	0	1	INTEROLOG
F10B5.1	JC8.3	0	0	0	0	0	1	INTEROLOG
F10B5.1	M01F1.2	0	0	0	0	0	1	INTEROLOG
F10B5.1	R13A5.8	0	0	0	0	0	1	INTEROLOG
F10B5.1	Y37E3.8	0	0	0	0	0	1	INTEROLOG
F10B5.1	Y48G8AL.8	0	0	0	0	0	1	INTEROLOG

Table S5. WI5 interactions list

F10B5.1	Y71F9AL.13	0	0	0	0	0	1	INTEROLOG
F10B5.1	ZK652.4	0	0	0	0	0	1	INTEROLOG
F10B5.2	F41H10.4	9	3	0	0	0	0	CORE_1
F10B5.2	K04G2.6	9	0	0	0	0	0	CORE_1
F10B5.2	R05D3.4	3	0	0	0	0	0	CORE_1
F10B5.4	B0393.2	3	0	0	0	0	0	CORE_1
F10B5.4	Y24D9A.4	1	0	0	0	0	0	NON_CORE
F10B5.5	C38D4.6	1	0	0	0	0	0	NON_CORE
F10B5.5	Y7A9C.1	1	0	0	0	0	0	NON_CORE
F10B5.6	B0511.9	0	12	0	0	0	0	CORE_1
F10B5.6	F15H10.3	0	0	0	0	0	1	INTEROLOG
F10B5.6	W10C6.1	0	0	0	0	0	1	INTEROLOG
F10B5.6	Y110A7A.17	0	0	0	0	0	1	INTEROLOG
F10B5.6	Y55B1AL.2	0	1	0	0	0	0	NON_CORE
F10C2.4	F12F6.7	0	0	0	0	0	1	INTEROLOG
F10C5.1	C06E1.9	1	0	0	0	0	0	NON_CORE
F10C5.1	C38D4.6	3	0	0	0	0	0	CORE_1
F10C5.1	C42D8.2	1	0	0	0	0	0	NON_CORE
F10C5.1	C48D5.1	1	0	0	0	0	0	NON_CORE
F10C5.1	C55B7.4	1	0	0	0	0	0	NON_CORE
F10C5.1	C56C10.1	1	0	0	0	0	0	NON_CORE
F10C5.1	F10B5.6	0	0	0	0	0	1	INTEROLOG
F10C5.1	F14E5.2	1	0	0	0	0	0	NON_CORE
F10C5.1	F15H10.3	0	0	0	0	0	1	INTEROLOG
F10C5.1	F25H2.10	1	0	0	0	0	0	NON_CORE
F10C5.1	F25H2.11	2	0	0	0	0	0	CORE_2
F10C5.1	F52D10.3	1	0	0	0	0	0	NON_CORE
F10C5.1	H14A12.2	2	0	0	0	0	0	NON_CORE
F10C5.1	JC8.3	1	0	0	0	0	0	NON_CORE
F10C5.1	K02G10.3	2	0	0	0	0	0	NON_CORE
F10C5.1	M60.2	1	0	0	0	0	0	NON_CORE
F10C5.1	T27E9.1	1	0	0	0	0	0	NON_CORE
F10C5.1	W03G11.1	1	0	0	0	0	0	NON_CORE
F10C5.1	W10C6.1	0	0	0	0	0	1	INTEROLOG
F10C5.1	Y105E8A.16	2	0	0	0	0	0	NON_CORE
F10C5.1	Y110A7A.17	0	0	0	0	0	1	INTEROLOG
F10C5.1	Y38A10A.5	2	0	0	0	0	0	NON_CORE
F10C5.1	Y66A7A.6	1	0	0	0	0	0	NON_CORE
F10C5.1	ZK1248.15	1	0	0	0	0	0	NON_CORE
F10D11.2	F10D11.2	0	0	31	0	0	0	SCAFFOLD
F10D2.11	K04D7.1	1	0	0	0	0	0	NON_CORE
F10D2.11	M199.4	1	0	0	0	0	0	NON_CORE
F10G7.4	B0024.11	1	0	0	0	0	0	SCAFFOLD
F10G7.4	C30F2.3	1	0	0	0	0	0	SCAFFOLD
F10G7.4	F11E6.1	1	0	0	0	0	0	SCAFFOLD
F10G7.4	F13D12.6	1	0	0	0	0	0	SCAFFOLD
F10G7.4	F56D12.5	1	0	0	0	0	0	SCAFFOLD
F10G7.4	F57F5.1	1	0	0	0	0	0	SCAFFOLD
F10G7.4	K08F8.1	1	0	0	0	0	0	SCAFFOLD
F10G7.4	T03E6.7	1	0	0	0	0	0	SCAFFOLD
F10G7.4	T06E4.3	1	0	0	0	0	0	SCAFFOLD
F10G7.4	Y24F12A.2	6	0	0	0	0	0	CORE_1
F10G7.4	Y24F12A.2	6	0	0	0	0	0	SCAFFOLD
F10G8.3	F42G8.12	0	0	0	0	0	1	INTEROLOG
F11A10.3	F32D1.9	0	0	0	0	0	1	INTEROLOG
F11A10.3	R06A4.9	0	0	0	0	0	1	INTEROLOG
F11A10.3	Y32F6A.3	0	0	0	0	0	1	INTEROLOG
F11A10.3	Y67H2A.1	0	0	0	0	0	1	INTEROLOG
F11A10.3	Y76B12C.7	0	0	0	0	0	1	INTEROLOG

Table S5. WI5 interactions list

F11A3.2	C50E3.5	0	0	1	0	0	0	SCAFFOLD
F11A3.2	D2085.3	0	0	0	0	0	1	INTEROLOG
F11A5.10	F11A5.10	0	0	0	0	1	0	LITERATURE
F11A5.10	F25F8.2	0	0	0	0	1	0	LITERATURE
F11D5.3	C07G2.3	1	0	0	0	0	0	NON_CORE
F11G11.2	Y75B8A.1	0	1	0	0	0	0	CORE_2
F11H8.1	C26E6.8	0	0	0	0	0	1	INTEROLOG
F12F6.5	C26B2.3	0	4	0	0	0	0	CORE_1
F12F6.5	C46E10.9	0	1	0	0	0	0	NON_CORE
F13B10.1	C55B7.4	1	0	0	0	0	0	NON_CORE
F13B10.1	F13B10.1	20	2	0	0	0	0	CORE_1
F13B10.1	F59A2.6	2	0	0	0	0	0	CORE_2
F13B10.1	R06A4.4	1	0	0	0	0	0	CORE_2
F13B10.1	T07A9.3	7	0	0	0	0	0	CORE_1
F13B10.1	T07H6.3	1	0	0	0	0	0	NON_CORE
F13B10.1	T27E9.1	1	0	0	0	0	0	NON_CORE
F13B10.1	W07B8.5	1	0	0	0	0	0	NON_CORE
F13B10.1	Y37E11AR.2	34	0	0	0	0	0	CORE_1
F13B10.1	Y42G9A.1	19	3	0	0	0	0	CORE_1
F13B10.1	Y43B11AR.1	1	0	0	0	0	0	NON_CORE
F13B10.2	B0041.4	0	0	0	0	0	1	INTEROLOG
F13B10.2	B0250.1	0	0	0	0	0	1	INTEROLOG
F13B10.2	B0336.10	0	0	0	0	0	1	INTEROLOG
F13B10.2	F28C6.7	0	0	0	0	0	1	INTEROLOG
F13B10.2	F54C9.5	0	0	0	0	0	1	INTEROLOG
F13B10.2	JC8.3	0	0	0	0	0	1	INTEROLOG
F13B10.2	M01F1.2	0	0	0	0	0	1	INTEROLOG
F13B10.2	T24B8.1	0	0	0	0	0	1	INTEROLOG
F13B10.2	Y37E3.8	0	0	0	0	0	1	INTEROLOG
F13B10.2	Y48G8AL.8	0	0	0	0	0	1	INTEROLOG
F13B10.2	Y71F9AL.13	0	0	0	0	0	1	INTEROLOG
F13B10.2	ZK652.4	0	0	0	0	0	1	INTEROLOG
F13D12.7	C35B8.2	0	0	0	0	0	1	INTEROLOG
F13D12.7	H32C10.3	0	0	0	0	0	1	INTEROLOG
F13D12.7	Y39A1A.22	0	0	0	0	0	1	INTEROLOG
F13E6.1	C38D4.6	1	0	0	0	0	0	CORE_2
F13E6.1	T08G5.5	1	0	0	0	0	0	CORE_2
F13G3.4	D1054.5	2	0	0	0	0	0	CORE_2
F13G3.4	F02A9.6	1	0	0	0	0	0	NON_CORE
F13G3.4	Y75B8A.35	0	1	0	0	0	0	CORE_2
F13H10.1	C56E6.3	1	0	0	0	0	0	NON_CORE
F13H10.1	EEED8.6	0	1	0	0	0	0	NON_CORE
F13H10.1	T28D6.4	1	0	0	0	0	0	CORE_2
F13H10.1	Y71G12B.11	6	0	0	0	0	0	CORE_1
F13H10.1	Y79H2A.1	4	0	0	0	0	0	CORE_1
F13H6.3	F16H11.5	3	0	0	0	0	0	CORE_1
F13H6.3	R05D11.8	1	0	0	0	0	0	CORE_2
F14B4.2	ZK829.7	0	6	0	0	0	0	CORE_1
F14B4.3	C15H11.8	0	0	0	0	0	1	INTEROLOG
F14B4.3	F58A4.9	0	0	0	0	0	1	INTEROLOG
F14B4.3	Y48E1A.1	0	0	0	0	0	1	INTEROLOG
F14D12.2	C29F9.7	0	0	0	0	1	0	LITERATURE
F14D12.2	C34C12.5	1	1	0	0	0	0	CORE_2
F14D12.2	C39D10.7	1	0	0	0	0	0	NON_CORE
F14D12.2	F08C6.7	0	0	0	0	1	0	LITERATURE
F14D12.2	F46F11.7	1	0	0	0	0	0	NON_CORE
F14D12.2	F54B11.7	0	2	0	0	0	0	CORE_2
F14D12.2	F57G12.2	0	1	0	0	0	0	NON_CORE
F14D12.2	T27E9.1	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

F14D12.2	Y39B6A.1	3	0	0	0	0	0	NON_CORE
F14F3.1	B0513.1	0	2	0	0	0	0	CORE_2
F14F3.1	C02B10.5	1	2	0	0	0	0	CORE_1
F14F3.1	C02F12.8	0	1	0	0	0	0	CORE_2
F14F3.1	C07G1.5	1	0	0	0	0	0	CORE_2
F14F3.1	C09G1.4	1	0	0	0	0	0	NON_CORE
F14F3.1	C16B8.3	0	4	0	0	0	0	CORE_1
F14F3.1	C26G2.2	0	1	0	0	0	0	CORE_2
F14F3.1	C27B7.4	1	4	0	0	0	0	CORE_1
F14F3.1	C38D4.6	1	0	0	0	0	0	CORE_2
F14F3.1	C39D10.7	3	0	0	0	0	0	CORE_1
F14F3.1	C52B11.2	0	2	0	0	0	0	CORE_2
F14F3.1	D1046.1	1	2	0	0	0	0	CORE_1
F14F3.1	F08C6.7	1	0	0	0	0	0	CORE_2
F14F3.1	F26G5.9	1	0	0	0	0	0	CORE_2
F14F3.1	F38H4.9	1	0	0	0	0	0	NON_CORE
F14F3.1	F44A2.1	1	0	0	0	0	0	CORE_2
F14F3.1	F44G3.9	0	1	0	0	0	0	CORE_2
F14F3.1	F53F10.2	0	3	0	0	0	0	CORE_1
F14F3.1	F57G12.2	0	4	0	0	0	0	CORE_1
F14F3.1	F59A2.1	1	3	0	0	0	0	CORE_1
F14F3.1	F59C6.5	1	0	0	0	0	0	CORE_2
F14F3.1	H06I04.1	1	0	0	0	0	0	CORE_2
F14F3.1	K02B9.2	0	4	0	0	0	0	CORE_1
F14F3.1	K04H4.1	1	0	0	0	0	0	NON_CORE
F14F3.1	K05F1.2	0	1	0	0	0	0	NON_CORE
F14F3.1	K09B11.9	0	6	0	0	0	0	CORE_1
F14F3.1	R02F2.5	0	3	0	0	0	0	CORE_1
F14F3.1	R119.4	5	0	0	0	0	0	CORE_1
F14F3.1	R12B2.5	1	0	0	0	0	0	CORE_2
F14F3.1	T01G9.6	1	0	0	0	0	0	NON_CORE
F14F3.1	T06G6.3	0	3	0	0	0	0	CORE_1
F14F3.1	T07F8.3	2	0	0	0	0	0	CORE_2
F14F3.1	T21G5.5	1	0	0	0	0	0	CORE_2
F14F3.1	T22A3.3	5	0	0	0	0	0	CORE_1
F14F3.1	T22H2.5	0	1	0	0	0	0	CORE_2
F14F3.1	Y119C1A.1	0	3	0	0	0	0	CORE_1
F14F3.1	Y24D9A.4	1	0	0	0	0	0	NON_CORE
F14F3.1	Y40C5A.1	1	0	0	0	0	0	CORE_2
F14F3.1	Y44E3A.6	2	0	0	0	0	0	CORE_2
F14F3.1	Y5H2B.2	1	0	0	0	0	0	NON_CORE
F14F3.1	Y65B4BR.4	0	2	0	0	0	0	CORE_2
F14F3.1	Y79H2A.1	3	0	0	0	0	0	CORE_1
F14F3.1	ZK1053.5	0	1	0	0	0	0	CORE_2
F14F3.1	ZK121.2	0	2	0	0	0	0	CORE_2
F14F7.2	F55C5.5	1	0	0	0	0	0	NON_CORE
F14H3.10	R05F9.10	11	1	0	0	0	0	CORE_1
F15A2.6	C34E10.5	0	0	0	0	0	1	INTEROLOG
F15H10.3	W10C6.1	0	0	0	0	0	1	INTEROLOG
F15H10.3	Y110A7A.17	0	0	0	0	0	1	INTEROLOG
F16H9.1	C26C6.2	0	0	0	0	2	0	LITERATURE
F16H9.1	F13H8.6	1	0	0	0	0	0	NON_CORE
F17A2.5	C52B11.2	1	0	0	0	0	0	NON_CORE
F17A2.5	F11G11.11	1	0	0	0	0	0	CORE_2
F17A2.5	K08E3.8	2	0	0	0	0	0	CORE_2
F17A2.5	R02F2.5	0	1	0	0	0	0	CORE_2
F17A2.5	T28F12.2	12	35	0	0	0	0	CORE_1
F17A2.5	Y113G7B.23	1	0	0	0	0	0	NON_CORE
F17A9.4	M03F4.2	0	0	0	0	0	1	INTEROLOG

Table S5. WI5 interactions list

F17E5.1	C02C2.1	1	0	0	0	0	0	SCAFFOLD
F17E5.1	C05C8.1	1	0	0	0	0	0	SCAFFOLD
F17E5.1	C06G3.6	1	0	0	0	0	0	SCAFFOLD
F17E5.1	C09H6.2	4	0	0	1	0	0	SCAFFOLD
F17E5.1	C34E10.8	1	0	0	0	0	0	SCAFFOLD
F17E5.1	C44B12.5	1	0	0	0	0	0	SCAFFOLD
F17E5.1	C44F1.2	6	0	0	0	0	0	SCAFFOLD
F17E5.1	F08B6.4	1	0	0	0	0	0	SCAFFOLD
F17E5.1	F38A6.3	1	0	0	0	0	0	SCAFFOLD
F17E5.1	F59C6.5	8	0	0	0	0	0	SCAFFOLD
F17E5.1	K04H4.2	1	0	0	0	0	0	SCAFFOLD
F17E5.1	K10B3.7	1	0	0	0	0	0	SCAFFOLD
F17E5.1	M04B2.1	2	0	0	0	0	0	SCAFFOLD
F17E5.1	R119.7	1	0	0	0	0	0	SCAFFOLD
F17E5.1	Y54G11A.10	0	0	0	1	0	0	SCAFFOLD
F17E5.1	Y57G11C.24	3	0	0	0	0	0	SCAFFOLD
F17E5.1	ZK652.9	1	0	0	0	0	0	SCAFFOLD
F18C5.2	B0207.4	1	0	0	0	0	0	SCAFFOLD
F18C5.2	C14C11.6	1	0	0	0	0	0	SCAFFOLD
F18C5.2	F42H10.4	1	0	0	0	0	0	SCAFFOLD
F18C5.2	Y45F10C.3	1	0	0	0	0	0	SCAFFOLD
F18E2.3	F10G7.4	5	0	0	0	0	0	CORE_1
F18E2.3	F28B3.7	0	0	0	0	0	1	INTEROLOG
F18E2.3	W02A2.6	1	0	0	0	0	0	CORE_2
F18E9.2	C01B4.8	1	0	0	0	0	0	NON_CORE
F19B6.2	F59E12.4	3	0	0	0	0	0	CORE_1
F19B6.2	F59E12.5	0	0	0	0	0	1	INTEROLOG
F19B6.2	F59E12.5	4	0	0	0	0	0	CORE_1
F19B6.2	W02A11.4	0	0	0	0	0	1	INTEROLOG
F19H6.1	W08D2.8	0	1	0	0	0	0	NON_CORE
F20B10.1	T08G5.5	1	0	0	0	0	0	NON_CORE
F20B10.3	R02F2.5	0	4	0	0	0	0	CORE_1
F20B4.6	T11G6.1	1	0	0	0	0	0	NON_CORE
F20B4.6	W04A8.1	1	0	0	0	0	0	NON_CORE
F20B4.7	C13A10.2	0	1	0	0	0	0	NON_CORE
F20B4.7	F36D3.1	0	1	0	0	0	0	NON_CORE
F20C5.2	DY3.2	2	0	0	0	0	0	CORE_2
F20C5.2	F10C1.2	2	0	0	0	0	0	CORE_2
F20C5.2	F10C1.7	21	0	0	0	0	0	CORE_1
F20C5.2	K01C8.1	1	0	0	0	0	0	NON_CORE
F20H11.5	M04G12.1	0	1	0	0	0	0	NON_CORE
F21C3.5	H20J04.5	0	0	0	0	0	1	INTEROLOG
F21C3.5	T06G6.9	0	0	0	0	0	1	INTEROLOG
F21D5.7	F08D12.1	0	0	0	0	0	1	INTEROLOG
F21D5.7	F37F2.2	0	0	0	0	0	1	INTEROLOG
F21D5.7	F55C5.8	0	0	0	0	0	1	INTEROLOG
F21F3.5	K11G12.2	0	0	0	0	1	0	LITERATURE
F21F3.5	K11G12.7	0	0	0	0	1	0	LITERATURE
F21H11.2	Y106G6H.2	0	0	0	0	0	1	INTEROLOG
F22B5.2	Y54E2A.11	0	0	0	0	0	1	INTEROLOG
F22B5.7	C48D5.1	1	0	0	0	0	0	NON_CORE
F22B5.7	C53B7.3	1	0	0	0	0	0	NON_CORE
F22B5.7	Y37E3.1	1	0	0	0	0	0	NON_CORE
F22B5.9	T08B2.9	0	0	0	0	0	1	INTEROLOG
F22B5.9	Y60A3A.13	0	0	0	0	0	1	INTEROLOG
F22B7.13	C26C6.2	0	0	0	0	2	0	LITERATURE
F22B7.13	C38C10.4	0	0	0	0	1	0	LITERATURE
F22B7.13	F01F1.12	1	0	0	0	0	0	NON_CORE
F22B7.13	F33H1.2	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

F22B7.13	M03F4.7	1	0	0	0	0	0	NON_CORE
F22B7.13	T09A5.10	1	0	0	0	1	0	LITERATURE
F22B7.13	T09A5.10	1	0	0	0	1	0	NON_CORE
F22B7.13	W03G11.1	1	0	0	0	0	0	NON_CORE
F22B7.13	Y106G6H.2	2	0	0	0	0	0	NON_CORE
F22B7.13	Y95B8A.5	0	0	0	0	1	0	LITERATURE
F22E12.2	C25G4.4	0	2	0	0	0	0	CORE_2
F22F4.3	C47D12.6	1	0	0	0	0	0	NON_CORE
F22F4.3	T05E11.1	1	0	0	0	0	0	NON_CORE
F22F7.1	C53A3.2	0	1	0	0	0	0	NON_CORE
F22F7.1	F10B5.1	1	0	0	0	0	0	NON_CORE
F22F7.6	F35G2.2	0	3	0	0	0	0	CORE_1
F23B12.5	C04C3.3	0	0	0	0	0	1	INTEROLOG
F23B12.5	T05H10.6	0	0	0	0	0	1	INTEROLOG
F23B12.8	F25E2.4	1	0	0	0	0	0	CORE_2
F23B12.8	ZK370.5	1	0	0	0	0	0	NON_CORE
F23B12.9	T07C4.8	0	0	0	0	3	0	LITERATURE
F23B2.13	F14B4.3	0	0	0	0	0	1	INTEROLOG
F23C8.4	C06A1.1	8	19	0	0	0	0	CORE_1
F23C8.4	C13G5.2	1	0	0	0	0	0	NON_CORE
F23C8.4	C25E10.8	0	1	0	0	0	0	CORE_2
F23C8.4	C34C6.6	0	1	0	0	0	0	CORE_2
F23C8.4	C41C4.8	7	2	0	0	0	0	CORE_1
F23C8.4	D1053.1	1	0	0	0	0	0	NON_CORE
F23C8.4	F44G3.9	0	1	0	0	0	0	NON_CORE
F23C8.4	K08E3.4	1	0	0	0	0	0	NON_CORE
F23C8.4	T09A5.12	0	1	0	0	0	0	CORE_2
F23C8.4	W06A11.3	0	1	0	0	0	0	CORE_2
F23C8.4	Y105E8B.8	1	0	0	0	0	0	CORE_2
F23F1.1	W10D9.4	0	0	0	0	0	1	INTEROLOG
F23F1.1	Y53H1A.2	0	0	0	0	0	1	INTEROLOG
F23F12.6	F10G7.8	0	0	0	0	0	1	INTEROLOG
F23F12.6	F29G9.5	0	0	0	0	0	1	INTEROLOG
F23F12.6	F57B9.10	0	0	0	0	0	1	INTEROLOG
F23F1.5	W02G9.2	2	0	0	0	0	0	CORE_2
F23F1.8	B0205.3	0	0	0	0	0	1	INTEROLOG
F23F1.8	C52E4.4	0	0	0	0	0	1	INTEROLOG
F23F1.8	D1054.2	1	0	0	0	0	0	SCAFFOLD
F23F1.8	F10G7.8	0	0	0	0	0	1	INTEROLOG
F23F1.8	F23F12.6	0	0	0	0	0	1	INTEROLOG
F23F1.8	F23F1.8	24	0	0	1	0	0	SCAFFOLD
F23F1.8	F31E3.5	1	0	0	0	0	0	SCAFFOLD
F23F1.8	F56H1.4	33	0	0	1	0	0	SCAFFOLD
F23F1.8	F57B9.10	0	0	0	0	0	1	INTEROLOG
F23F1.8	K12H4.00	1	0	0	0	0	0	SCAFFOLD
F23F1.8	ZK20.5	0	0	0	0	0	1	INTEROLOG
F23F1.8	ZK945.2	2	0	0	0	0	0	SCAFFOLD
F23H12.2	C10G11.7	1	0	0	0	0	0	CORE_2
F23H12.2	F54F2.8	5	0	0	0	0	0	CORE_1
F23H12.2	R05F9.10	1	0	0	0	0	0	NON_CORE
F23H12.2	ZK822.4	1	0	0	0	0	0	NON_CORE
F25B3.3	Y39B6A.46	0	12	0	0	0	0	CORE_1
F25B4.1	D1025.2	0	0	0	0	0	1	INTEROLOG
F25B4.1	R12C12.1	0	0	0	0	0	1	INTEROLOG
F25B4.5	K04G7.10	0	0	0	0	0	1	INTEROLOG
F25B4.5	T28D9.10	0	0	0	0	0	1	INTEROLOG
F25B5.3	ZK370.7	0	1	0	0	0	0	NON_CORE
F25F8.2	F01F1.6	0	1	0	0	0	0	NON_CORE
F25F8.2	F11A5.10	0	0	0	0	1	0	LITERATURE

Table S5. WI5 interactions list

F25G6.8	W06D4.1	1	0	0	0	0	0	NON_CORE
F25H2.10	B0250.1	0	0	0	0	0	1	INTEROLOG
F25H2.10	F10B5.1	0	0	0	0	0	1	INTEROLOG
F25H2.10	F13B10.2	0	0	0	0	0	1	INTEROLOG
F25H2.10	F28C6.7	0	0	0	0	0	1	INTEROLOG
F25H2.10	F52B5.6	0	0	0	0	0	1	INTEROLOG
F25H2.10	F54C9.5	0	0	0	0	0	1	INTEROLOG
F25H2.10	Y37E3.7	0	0	0	0	0	1	INTEROLOG
F25H2.10	Y37E3.8	0	0	0	0	0	1	INTEROLOG
F25H2.10	ZK652.4	0	0	0	0	0	1	INTEROLOG
F25H2.13	B0414.8	1	0	0	0	0	0	SCAFFOLD
F25H2.13	W09D10.3	1	0	0	0	0	0	SCAFFOLD
F25H2.4	Y57G7A.10	3	0	0	0	0	0	CORE_1
F25H2.9	C36B1.4	8	0	0	1	0	0	SCAFFOLD
F25H2.9	H28O16.1	1	0	0	0	0	0	SCAFFOLD
F25H2.9	T20F5.2	0	0	0	0	0	1	INTEROLOG
F25H2.9	W02G9.2	6	0	0	0	0	0	SCAFFOLD
F25H5.3	F44G3.9	0	12	0	0	0	0	CORE_1
F26A3.2	F32E10.4	0	0	0	0	0	1	INTEROLOG
F26A3.2	F37E3.1	0	0	0	0	0	1	INTEROLOG
F26A3.2	K04G7.10	0	0	0	0	0	1	INTEROLOG
F26B1.2	C17H12.14	1	0	0	0	0	0	NON_CORE
F26B1.2	C25A1.4	2	11	0	0	0	0	CORE_1
F26B1.2	C36B1.5	1	0	0	0	0	0	CORE_2
F26B1.2	F13B10.2	1	0	0	0	0	0	NON_CORE
F26B1.2	F46A9.6	6	6	0	0	0	0	CORE_1
F26B1.2	F59E12.4	1	0	0	0	0	0	CORE_2
F26B1.2	T21G5.5	0	1	0	0	0	0	CORE_2
F26B1.2	Y48B6A.3	1	0	0	0	0	0	CORE_2
F26B1.2	Y49E10.14	1	0	0	0	0	0	NON_CORE
F26B1.2	Y59A8B.10	6	12	0	0	0	0	CORE_1
F26D11.11	C52B11.2	0	1	0	0	0	0	NON_CORE
F26D11.11	F39H12.1	0	2	0	0	0	0	CORE_2
F26D11.11	F44G3.9	0	2	0	0	0	0	CORE_2
F26D11.11	K02B9.2	0	1	0	0	0	0	NON_CORE
F26D11.11	T06G6.3	0	1	0	0	0	0	NON_CORE
F26D11.11	T11B7.1	0	2	0	0	0	0	CORE_2
F26D11.11	W07G1.5	0	2	0	0	0	0	CORE_2
F26D11.11	Y113G7B.23	0	8	0	0	0	0	CORE_1
F26D11.11	Y37E11AR.2	0	3	0	0	0	0	CORE_1
F26D11.11	ZK1128.7	0	1	0	0	0	0	NON_CORE
F26E4.9	C13F10.2	0	1	0	0	0	0	NON_CORE
F26E4.9	ZK250.8	0	1	0	0	0	0	NON_CORE
F26F4.10	C38D4.6	1	0	0	0	0	0	NON_CORE
F26F4.11	C15H11.8	0	0	0	0	0	1	INTEROLOG
F26F4.11	C36B1.3	0	0	0	0	0	1	INTEROLOG
F26F4.11	C42D4.8	0	0	0	0	0	1	INTEROLOG
F26F4.11	F49E8.4	2	3	0	0	0	0	CORE_1
F26F4.11	W02G9.2	2	0	0	0	0	0	CORE_2
F26F4.11	W09C3.4	0	0	0	0	0	1	INTEROLOG
F26F4.11	Y54E10BR.6	0	0	0	0	0	1	INTEROLOG
F26F4.11	ZK856.10	0	0	0	0	0	1	INTEROLOG
F26F4.1	ZK637.5	8	0	0	0	0	0	CORE_1
F26H11.4	F28D1.2	0	0	2	0	0	0	SCAFFOLD
F26H11.4	F54D10.7	0	0	1	0	0	0	SCAFFOLD
F27C1.6	C03C10.4	1	2	0	0	0	0	CORE_1
F27C1.6	C06A5.9	0	11	0	0	0	0	CORE_1
F27C1.6	C16C4.4	0	2	0	0	0	0	CORE_2
F27C1.6	C17E4.2	2	0	0	0	0	0	CORE_2

Table S5. WI5 interactions list

F27C1.6	F14B6.3	0	1	0	0	0	0	CORE_2
F27C1.6	F28D1.2	0	1	0	0	0	0	CORE_2
F27C1.6	F29G9.2	2	9	0	0	0	0	CORE_1
F27C1.6	T28C6.7	1	0	0	0	0	0	CORE_2
F27C1.6	Y47D3B.9	0	1	0	0	0	0	CORE_2
F27C1.6	Y48B6A.11	1	0	0	0	0	0	NON_CORE
F27C1.6	Y54E2A.3	2	0	0	0	0	0	CORE_2
F27C1.7	F58F12.1	0	0	0	0	0	1	INTEROLOG
F27C1.7	H28O16.1	0	0	0	0	0	1	INTEROLOG
F27C1.7	Y69A2AR.18	0	0	0	0	0	1	INTEROLOG
F27C8.2	T08B2.5	1	0	0	0	0	0	CORE_2
F28A12.1	Y113G7B.23	0	1	0	0	0	0	NON_CORE
F28B3.7	K08A8.3	0	0	0	0	0	1	INTEROLOG
F28B3.8	K01G5.4	0	0	0	0	0	1	INTEROLOG
F28C6.6	F32D1.9	0	0	0	0	0	1	INTEROLOG
F28C6.6	F56A8.6	0	0	0	0	0	1	INTEROLOG
F28C6.6	R10E9.1	0	0	0	0	0	1	INTEROLOG
F28C6.6	R144.2	0	0	0	0	0	1	INTEROLOG
F28C6.6	Y106G6H.2	0	0	0	0	0	1	INTEROLOG
F28C6.7	M01F1.2	0	0	0	0	0	1	INTEROLOG
F28C6.7	T24B8.1	0	0	0	0	0	1	INTEROLOG
F28C6.7	ZK652.4	0	0	0	0	0	1	INTEROLOG
F28D1.2	H02I12.5	0	0	10	0	0	0	SCAFFOLD
F28D1.7	C23G10.3	0	0	0	0	0	1	INTEROLOG
F28D1.7	C49H3.11	0	0	0	0	0	1	INTEROLOG
F28D1.7	F36A2.6	0	0	0	0	0	1	INTEROLOG
F28D1.7	T05E11.1	0	0	0	0	0	1	INTEROLOG
F28D1.7	Y105E8A.16	0	0	0	0	0	1	INTEROLOG
F28E10.3	T28C6.7	1	0	0	0	0	0	CORE_2
F28E10.3	Y66D12A.9	1	0	0	0	0	0	NON_CORE
F28F8.3	F32A5.7	0	0	0	0	0	1	INTEROLOG
F28F8.3	T10G3.6	0	0	0	0	0	1	INTEROLOG
F28F8.3	Y71G12B.14	0	0	0	0	0	1	INTEROLOG
F28F8.6	C41C4.8	0	2	0	0	0	0	CORE_2
F28H6.1	C38D4.6	6	0	0	0	0	0	CORE_1
F28H6.1	F53G12.10	1	0	0	0	0	0	NON_CORE
F28H6.1	K08C7.1	1	0	0	0	0	0	NON_CORE
F28H6.1	T28C6.7	1	0	0	0	0	0	CORE_2
F28H6.1	W09C3.6	1	0	0	0	0	0	NON_CORE
F28H6.1	Y38F2AR.7	1	0	0	0	0	0	NON_CORE
F29B9.4	C52B11.2	0	1	0	0	0	0	NON_CORE
F29B9.4	F36G3.1	1	0	0	0	0	0	NON_CORE
F29B9.4	Y54E2A.3	1	0	0	0	0	0	NON_CORE
F29B9.4	Y75B8A.1	1	0	0	0	0	0	CORE_2
F29B9.6	F29B9.6	1	0	0	0	0	0	SCAFFOLD
F29B9.6	K04C2.4	1	0	0	0	0	0	SCAFFOLD
F29B9.6	K12C11.2	1	0	0	0	0	0	SCAFFOLD
F29B9.6	Y43C5A.6	1	0	0	0	0	0	SCAFFOLD
F29D10.4	T21H3.3	0	0	0	0	0	1	INTEROLOG
F29F11.1	F29F11.1	8	51	0	0	0	0	CORE_1
F29F11.1	K12C11.2	0	2	0	0	0	0	CORE_2
F29F11.1	R07E3.7	0	1	0	0	0	0	CORE_2
F29G9.3	Y71H2B.10	0	0	0	0	0	1	INTEROLOG
F29G9.5	C48D5.1	1	0	0	0	0	0	SCAFFOLD
F29G9.5	F10G7.8	0	0	0	0	0	1	INTEROLOG
F29G9.5	F57B9.10	0	0	0	0	0	1	INTEROLOG
F29G9.5	T22D1.9	9	0	0	0	0	0	SCAFFOLD
F30A10.3	Y77E11A.5	1	0	0	0	0	0	NON_CORE
F30A10.5	K07H8.6	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

F30B5.4	F13B10.2	1	0	0	0	0	0	NON_CORE
F30F8.8	C47D12.1	0	0	0	0	0	1	INTEROLOG
F30F8.8	Y47G6A.6	0	0	0	0	0	1	INTEROLOG
F31C3.2	C38D4.6	2	0	0	0	0	0	CORE_2
F31C3.2	F20G4.3	3	0	0	0	0	0	CORE_1
F31C3.2	F23B12.5	23	0	0	0	0	0	CORE_1
F31C3.2	F32B4.4	1	0	0	0	0	0	CORE_2
F31C3.2	F32E10.4	23	0	0	0	0	0	CORE_1
F31C3.2	F42D1.2	0	1	0	0	0	0	NON_CORE
F31C3.2	K12C11.2	22	16	0	0	0	0	CORE_1
F31C3.2	Y37E11AR.2	1	0	0	0	0	0	NON_CORE
F31C3.2	Y46G5A.15	12	2	0	0	0	0	CORE_1
F31C3.2	ZK849.2	0	2	0	0	0	0	CORE_2
F31C3.2	ZK858.4	2	0	0	0	0	0	CORE_2
F31D5.2	C04F5.3	0	1	0	0	0	0	NON_CORE
F31D5.2	C23H3.9	0	1	0	0	0	0	NON_CORE
F31D5.2	F49E7.1	0	1	0	0	0	0	NON_CORE
F31E3.2	C06A5.9	0	3	0	0	0	0	CORE_1
F31E3.2	F19C7.5	0	1	0	0	0	0	NON_CORE
F31E3.2	F59B1.7	0	1	0	0	0	0	CORE_2
F31E3.2	H14N18.1	1	0	0	0	0	0	CORE_2
F31E3.2	T11B7.1	0	1	0	0	0	0	NON_CORE
F31E3.2	T19D12.5	0	1	0	0	0	0	NON_CORE
F31E3.2	T21B6.3	1	0	0	0	0	0	CORE_2
F31E3.2	T28F12.2	6	92	0	0	0	0	CORE_1
F31E3.3	C39E9.13	0	0	0	0	0	1	INTEROLOG
F31E3.3	C39E9.13	2	0	0	0	0	0	CORE_2
F31E3.3	C54G10.2	1	0	0	0	0	0	SCAFFOLD
F31E3.3	F32A11.2	1	0	0	0	0	0	SCAFFOLD
F31E3.3	K09A11.1	2	0	0	0	0	0	CORE_2
F31E3.3	Y57G11C.22	15	0	0	0	0	0	CORE_1
F31E8.4	ZK945.7	0	1	0	0	0	0	NON_CORE
F32A11.2	C47E8.5	1	0	0	0	0	0	SCAFFOLD
F32A11.2	F31E3.3	1	0	0	0	0	0	SCAFFOLD
F32A5.1	B0286.4	0	0	0	0	0	1	INTEROLOG
F32A5.1	C47D12.1	0	0	0	0	0	1	INTEROLOG
F32A5.1	F30F8.8	0	0	0	0	0	1	INTEROLOG
F32A5.6	C34C6.6	0	0	0	0	0	1	INTEROLOG
F32A5.7	T10G3.6	0	0	0	0	0	1	INTEROLOG
F32A5.7	Y71G12B.14	0	0	0	0	0	1	INTEROLOG
F32A6.3	T08G5.5	0	0	0	0	0	1	INTEROLOG
F32B6.2	C04C3.3	0	0	0	0	0	1	INTEROLOG
F32D1.10	C25D7.6	0	0	0	0	0	1	INTEROLOG
F32D1.10	R10E4.4	0	0	0	0	0	1	INTEROLOG
F32D1.1	F32D1.1	0	2	0	0	0	0	CORE_2
F32D1.1	K12C11.2	0	4	0	0	0	0	CORE_1
F32D1.9	Y76B12C.7	0	0	0	0	0	1	INTEROLOG
F32D8.4	C39F7.4	0	0	0	0	0	1	INTEROLOG
F32E10.4	C16C8.12	0	5	0	0	0	0	CORE_1
F32E10.4	C36C5.5	0	1	0	0	0	0	NON_CORE
F32E10.4	C53D5.6	0	2	0	0	0	0	CORE_2
F32E10.4	CC8.1	0	17	0	0	0	0	CORE_1
F32E10.4	D1037.3	0	3	0	0	0	0	CORE_1
F32E10.4	DY3.2	0	1	0	0	0	0	NON_CORE
F32E10.4	F10G8.3	0	0	0	0	0	1	INTEROLOG
F32E10.4	F18A1.3	0	1	0	0	0	0	NON_CORE
F32E10.4	F20C5.6	0	1	0	0	0	0	NON_CORE
F32E10.4	F26E4.10	0	0	0	0	0	1	INTEROLOG
F32E10.4	F28B3.8	0	0	0	0	0	1	INTEROLOG

Table S5. WI5 interactions list

F32E10.4	F35F10.12	0	1	0	0	0	0	NON_CORE
F32E10.4	F43C1.4	0	1	0	0	0	0	CORE_2
F32E10.4	F46G10.1	0	1	0	0	0	0	NON_CORE
F32E10.4	F49E8.4	0	1	0	0	0	0	NON_CORE
F32E10.4	F52C6.2	0	1	0	0	0	0	NON_CORE
F32E10.4	F54D10.7	0	1	0	0	0	0	NON_CORE
F32E10.4	K07C5.1	0	0	0	0	0	1	INTEROLOG
F32E10.4	T20G5.7	0	1	0	0	0	0	NON_CORE
F32E10.4	T22H2.5	0	1	0	0	0	0	NON_CORE
F32E10.4	Y105C5B.19	0	2	0	0	0	0	CORE_2
F32E10.4	Y119C1A.1	0	3	0	0	0	0	CORE_1
F32E10.4	Y48G1A.5	0	0	0	0	0	1	INTEROLOG
F32E10.4	Y56A3A.17	0	1	0	0	0	0	NON_CORE
F32E10.4	Y69H2.3	0	4	0	0	0	0	CORE_1
F32E10.4	ZK1053.5	0	1	0	0	0	0	NON_CORE
F32E10.4	ZK1098.4	0	1	0	0	0	0	NON_CORE
F32H2.3	C53D6.2	1	1	0	0	0	0	CORE_2
F32H2.3	F40F12.5	1	0	0	0	0	0	CORE_2
F32H2.3	F41F3.4	1	0	0	0	0	0	NON_CORE
F32H2.3	T07C4.10	6	0	0	0	0	0	CORE_1
F32H2.3	ZK1010.7	1	0	0	0	0	0	NON_CORE
F33D11.11	F26E4.2	0	1	0	0	0	0	CORE_2
F33D11.11	T06E4.1	1	0	0	0	0	0	CORE_2
F33D11.11	ZK1055.1	2	0	0	0	0	0	CORE_2
F33H2.6	C48D5.1	0	2	0	0	0	0	CORE_2
F33H2.6	F43C1.2	0	1	0	0	0	0	NON_CORE
F33H2.6	T06E6.2	0	1	0	0	0	0	NON_CORE
F35A5.3	C37C3.6	3	0	0	0	0	0	CORE_1
F35A5.3	F30H5.3	1	0	0	0	0	0	CORE_2
F35A5.3	F56H11.1	1	0	0	0	0	0	CORE_2
F35A5.3	K08E7.5	0	11	0	0	0	0	CORE_1
F35A5.3	K10B3.7	2	0	0	0	0	0	NON_CORE
F35A5.3	T21D12.11	0	2	0	0	0	0	CORE_2
F35A5.3	Y39B6A.1	7	0	0	0	0	0	NON_CORE
F35A5.3	ZK1067.7	1	0	0	0	0	0	NON_CORE
F35C5.7	C53D5.6	1	0	0	0	0	0	CORE_2
F35C8.3	C38D4.6	1	0	0	0	0	0	CORE_2
F35C8.3	EEED8.16	1	0	0	0	0	0	CORE_2
F35C8.3	F43G6.8	23	3	0	0	0	0	CORE_1
F35C8.3	H28G03.2	1	0	0	0	0	0	CORE_2
F35C8.3	R03G5.2	0	0	0	0	1	0	LITERATURE
F35C8.3	Y51F10.2	188	0	0	0	0	0	CORE_1
F35C8.3	ZK1098.10	0	0	0	0	2	0	LITERATURE
F35E8.12	T12E12.4	1	0	0	0	0	0	CORE_2
F35E8.8	C45H4.17	0	1	0	0	0	0	NON_CORE
F35F11.1	C09G5.5	0	1	0	0	0	0	NON_CORE
F35F11.1	F01G10.1	0	1	0	0	0	0	NON_CORE
F35G12.12	C52E4.4	0	0	29	0	0	0	SCAFFOLD
F35G12.1	Y65B4BR.4	0	6	0	0	0	0	CORE_1
F35G12.9	B0547.1	2	0	0	0	0	0	CORE_2
F35G12.9	C16C8.12	0	1	0	0	0	0	NON_CORE
F35G12.9	C18A11.7	2	0	0	0	0	0	CORE_2
F35G12.9	C52B11.2	0	1	0	0	0	0	NON_CORE
F35G12.9	C54F6.14	0	1	0	0	0	0	NON_CORE
F35G12.9	CC8.1	0	1	0	0	0	0	NON_CORE
F35G12.9	D1046.1	0	1	0	0	0	0	NON_CORE
F35G12.9	D2013.2	0	1	0	0	0	0	NON_CORE
F35G12.9	F10B5.6	0	0	0	0	0	1	INTEROLOG
F35G12.9	F10C5.1	0	0	0	0	0	1	INTEROLOG

Table S5. WI5 interactions list

F35G12.9	F15H10.3	0	0	0	0	0	1	INTEROLOG
F35G12.9	F35G2.2	0	1	0	0	0	0	NON_CORE
F35G12.9	F52B5.6	1	0	0	0	0	0	NON_CORE
F35G12.9	F54D10.7	0	1	0	0	0	0	NON_CORE
F35G12.9	F56H11.1	7	0	0	0	0	0	CORE_1
F35G12.9	H10D18.5	0	1	0	0	0	0	NON_CORE
F35G12.9	H10E21.3	0	1	0	0	0	0	NON_CORE
F35G12.9	H10E21.4	1	0	0	0	0	0	NON_CORE
F35G12.9	K06H7.6	8	47	0	0	0	3	CORE_1
F35G12.9	K06H7.6	8	47	0	0	0	3	SCAFFOLD
F35G12.9	T07H6.3	1	0	0	0	0	0	NON_CORE
F35G12.9	T22F7.5	1	0	0	0	0	0	NON_CORE
F35G12.9	T22H2.5	0	1	0	0	0	0	NON_CORE
F35G12.9	W10C6.1	0	0	0	0	0	1	INTEROLOG
F35G12.9	Y110A7A.17	0	0	0	0	0	1	INTEROLOG
F35G12.9	Y38C1AA.7	0	1	0	0	0	0	NON_CORE
F35G12.9	Y69H2.3	0	1	0	0	0	0	CORE_2
F35G2.2	F35G2.2	12	13	0	0	0	0	CORE_1
F35G2.2	H14A12.2	1	0	0	0	0	0	CORE_2
F35H12.3	F55B12.3	0	0	0	0	2	0	LITERATURE
F35H12.4	C44C1.3	0	0	0	0	0	1	INTEROLOG
F35H8.5	C17D12.2	1	0	0	0	0	0	NON_CORE
F35H8.5	C27B7.4	0	10	0	0	0	0	CORE_1
F35H8.5	C33E10.10	0	1	0	0	0	0	CORE_2
F35H8.5	C50D2.1	1	0	0	0	0	0	NON_CORE
F35H8.5	F46A9.6	2	0	0	0	0	0	CORE_2
F35H8.5	F46H5.7	1	0	0	0	0	0	NON_CORE
F35H8.5	K09B11.9	0	1	0	0	0	0	CORE_2
F35H8.5	R02F2.5	0	4	0	0	0	0	CORE_1
F35H8.5	R06A4.4	1	5	0	0	0	0	CORE_1
F35H8.5	R74.5	1	0	0	0	0	0	CORE_2
F35H8.5	T01D1.2	2	0	0	0	0	0	CORE_2
F35H8.5	T21G5.5	1	1	0	0	0	0	CORE_2
F35H8.5	Y79H2A.1	1	0	0	0	0	0	CORE_2
F36A2.6	F37C12.9	0	0	0	0	0	1	INTEROLOG
F36A2.6	F53A3.3	0	0	0	0	0	1	INTEROLOG
F36A2.6	T01C3.6	0	0	0	0	0	1	INTEROLOG
F36A4.7	C36B1.3	0	0	0	0	0	1	INTEROLOG
F36A4.7	H27M09.2	0	0	0	0	0	1	INTEROLOG
F36A4.7	Y39G10AL.3	0	0	0	0	0	1	INTEROLOG
F36D4.2	K08H10.9	0	0	0	0	0	1	INTEROLOG
F36D4.2	W05H7.3	0	0	0	0	0	1	INTEROLOG
F36D4.2	Y57A10A.16	0	0	0	0	0	1	INTEROLOG
F36D4.2	ZK1098.5	2	13	0	0	0	0	CORE_1
F36D4.3	F52B10.1	0	0	0	0	0	1	INTEROLOG
F36D4.3	T21H3.3	0	0	0	0	0	1	INTEROLOG
F36F2.4	F17E9.5	0	1	0	0	0	0	CORE_2
F36F2.4	F20D1.1	1	0	0	0	0	0	CORE_2
F36G3.2	Y37H2A.3	0	3	0	0	0	0	CORE_1
F37B1.2	K06A5.8	0	1	0	0	0	0	CORE_2
F37B1.4	C52B11.2	0	1	0	0	0	0	NON_CORE
F37B1.7	Y48E1B.1	0	1	0	0	0	0	NON_CORE
F37B1.8	F44G3.9	0	52	0	0	0	0	CORE_1
F37B1.8	R08C7.13	0	1	0	0	0	0	NON_CORE
F37B4.7	F52H3.7	1	0	0	0	0	0	NON_CORE
F37B4.7	T04C12.6	1	0	0	0	0	0	NON_CORE
F37C12.11	B0393.1	67	0	0	0	0	0	CORE_1
F37C12.1	C50F2.3	0	0	0	0	0	1	INTEROLOG
F37C12.4	C06A5.9	0	3	0	0	0	0	CORE_1

Table S5. WI5 interactions list

F37C12.4	F54C9.5	1	0	0	0	0	0	NON_CORE
F37D6.1	F08A8.1	1	0	0	0	0	0	SCAFFOLD
F37D6.1	R53.4	1	0	0	0	0	0	SCAFFOLD
F37D6.1	T10B10.4	1	0	0	0	0	0	SCAFFOLD
F37D6.1	Y39A1C.3	1	0	0	0	0	0	SCAFFOLD
F37E3.1	K04G7.10	0	0	0	0	0	1	INTEROLOG
F37E3.1	T28D9.10	0	0	0	0	0	1	INTEROLOG
F37E3.1	Y116A8C.42	0	0	0	0	0	1	INTEROLOG
F37E3.1	ZK1098.1	0	0	0	0	0	1	INTEROLOG
F38A6.1	D1046.1	3	0	0	0	0	0	CORE_1
F38A6.1	F13B10.2	2	0	0	0	0	0	NON_CORE
F38A6.1	F21F8.7	2	0	0	0	0	0	CORE_2
F38A6.1	F26G5.9	2	0	0	0	0	0	CORE_2
F38A6.1	F56F3.5	1	0	0	0	0	0	NON_CORE
F38A6.1	F58G11.1	1	0	0	0	0	0	NON_CORE
F38A6.1	K08F8.2	2	0	0	0	0	0	CORE_2
F38A6.1	M01F1.2	1	0	0	0	0	0	NON_CORE
F38A6.1	M04G12.1	1	0	0	0	0	0	CORE_2
F38A6.1	R74.5	4	0	0	0	0	0	CORE_1
F38A6.1	T07D1.4	1	0	0	0	0	0	CORE_2
F38A6.1	T22A3.3	1	0	0	0	0	0	CORE_2
F38A6.1	W04D2.1	3	0	0	0	0	0	CORE_1
F38A6.1	Y113G7B.23	1	0	0	0	0	0	NON_CORE
F38A6.1	Y44E3A.6	2	0	0	0	0	0	CORE_2
F38A6.1	Y62E10A.14	2	0	0	0	0	0	CORE_2
F38A6.1	Y71A12B.1	2	0	0	0	0	0	NON_CORE
F38A6.1	Y79H2A.1	11	0	0	0	0	0	CORE_1
F38B6.1	C38D4.6	2	0	0	0	0	0	NON_CORE
F38E11.2	C14B9.1	16	0	0	0	0	0	CORE_1
F38E11.5	C13B9.3	0	0	0	0	0	1	INTEROLOG
F38E11.5	Y25C1A.5	0	0	0	0	0	1	INTEROLOG
F38E11.5	Y71F9AL.17	0	0	0	0	0	1	INTEROLOG
F38E1.7	R05F9.10	3	0	0	0	0	0	CORE_1
F38E9.5	M03F4.2	0	0	0	0	0	1	INTEROLOG
F39B1.1	R02F2.5	0	2	0	0	0	0	CORE_2
F39B1.1	R06B9.1	0	2	0	0	0	0	CORE_2
F39B1.1	ZK1053.5	0	1	0	0	0	0	NON_CORE
F39B2.11	R05F9.10	19	19	0	0	0	0	CORE_1
F39B2.2	B0432.8	1	0	0	0	0	0	SCAFFOLD
F39B2.2	C32F10.2	1	0	0	0	0	0	SCAFFOLD
F39B2.2	F25H2.5	1	0	0	0	0	0	SCAFFOLD
F39B2.2	F25H5.4	1	0	0	0	0	0	SCAFFOLD
F39B2.2	K08E3.5	1	0	0	0	0	0	SCAFFOLD
F39B2.2	K12D12.5	1	0	0	0	0	0	SCAFFOLD
F39B2.2	Y15E3A.1	1	0	0	0	0	0	SCAFFOLD
F39B2.2	Y54G2A.31	1	0	0	0	0	0	SCAFFOLD
F39B2.7	F52H3.2	0	0	0	0	0	1	INTEROLOG
F39C12.2	C35C5.3	1	0	0	0	0	0	NON_CORE
F39C12.2	F08F3.4	1	0	0	0	0	0	NON_CORE
F39C12.2	R05D3.7	1	0	0	0	0	0	NON_CORE
F39C12.2	T05E11.1	1	0	0	0	0	0	NON_CORE
F39C12.2	Y71A12B.1	1	0	0	0	0	0	NON_CORE
F39G3.5	W09H1.6	1	0	0	0	0	0	CORE_2
F39H11.5	C47B2.4	1	0	0	0	0	0	SCAFFOLD
F39H11.5	T05B11.1	1	0	0	0	0	0	SCAFFOLD
F39H11.5	T10E10.4	1	0	0	0	0	0	SCAFFOLD
F39H11.5	T10F2.4	9	0	0	0	0	0	SCAFFOLD
F39H11.5	T22H2.5	1	0	0	0	0	0	SCAFFOLD
F39H2.3	C07H6.5	0	0	0	0	0	1	INTEROLOG

Table S5. WI5 interactions list

F39H2.3	T12B3.4	0	0	0	0	0	1	INTEROLOG
F39H2.4	AH6.2	0	1	0	0	0	0	NON_CORE
F39H2.4	C47D2.1	0	1	0	0	0	0	NON_CORE
F39H2.4	CC8.1	0	1	0	0	0	0	NON_CORE
F39H2.4	F11E6.2	0	0	1	0	0	0	SCAFFOLD
F39H2.4	F28D1.2	0	0	1	0	0	0	SCAFFOLD
F39H2.4	F30F8.3	0	0	1	0	0	0	SCAFFOLD
F39H2.4	F54D10.5	0	1	0	0	0	0	NON_CORE
F40E10.4	B0432.6	0	1	0	0	0	0	NON_CORE
F40F11.1	C23G10.3	0	0	0	0	0	1	INTEROLOG
F40F11.1	C49H3.11	0	0	0	0	0	1	INTEROLOG
F40F11.1	F36A2.6	0	0	0	0	0	1	INTEROLOG
F40F11.1	T05E11.1	0	0	0	0	0	1	INTEROLOG
F40F11.1	Y105E8A.16	0	0	0	0	0	1	INTEROLOG
F40F11.1	Y43B11AR.4	0	0	0	0	0	1	INTEROLOG
F40F12.7	F57C12.2	2	0	0	0	0	0	CORE_2
F40F8.10	C23G10.3	0	0	0	0	0	1	INTEROLOG
F40F8.8	C16C4.4	0	1	0	0	0	0	CORE_2
F40F8.8	F32G8.6	1	0	0	0	0	0	NON_CORE
F40F8.9	F28F8.3	0	0	0	0	0	1	INTEROLOG
F40F8.9	F32A5.7	0	0	0	0	0	1	INTEROLOG
F40F8.9	T10G3.6	0	0	0	0	0	1	INTEROLOG
F40F8.9	Y39G8C.1	0	0	0	0	0	1	INTEROLOG
F40F8.9	Y71G12B.14	0	0	0	0	0	1	INTEROLOG
F40F9.1	F15D4.2	1	0	0	0	0	0	CORE_2
F40F9.1	T10H9.3	1	0	0	0	0	0	CORE_2
F40F9.1	Y47D3B.7	0	3	0	0	0	0	CORE_1
F40F9.1	Y47D7A.13	1	0	0	0	0	0	NON_CORE
F40F9.1	Y51H7BR.3	0	1	0	0	0	0	CORE_2
F40F9.1	Y71F9AL.7	1	0	0	0	0	0	CORE_2
F40G9.1	F23F12.6	0	0	0	0	0	1	INTEROLOG
F40H3.2	R05F9.10	18	0	0	0	0	0	CORE_1
F40H3.2	ZK637.5	1	0	0	0	0	0	CORE_2
F41B4.4	F35C5.6	1	0	0	0	0	0	NON_CORE
F41C6.1	F45H10.3	1	0	0	0	0	0	NON_CORE
F41E7.3	Y43B11AR.4	1	0	0	0	0	0	NON_CORE
F41G3.10	C36E6.5	1	0	0	0	0	0	CORE_2
F41G3.10	Y39B6A.1	7	0	0	0	0	0	NON_CORE
F41G4.1	D1037.1	1	0	0	0	0	0	NON_CORE
F41G4.1	T04D1.3	0	1	0	0	0	0	CORE_2
F41G4.1	T18D3.7	0	2	0	0	0	0	CORE_2
F41G4.2	C38C3.5	0	0	0	0	0	1	INTEROLOG
F41G4.2	F43C1.1	0	0	0	0	0	1	INTEROLOG
F41G4.2	M03F4.2	0	0	0	0	0	1	INTEROLOG
F41H10.10	R07B7.2	0	0	5	0	0	0	SCAFFOLD
F42A10.3	C47E8.5	1	0	0	0	0	0	NON_CORE
F42A10.3	F54E7.3	1	0	0	0	0	0	CORE_2
F42A10.3	H02I12.5	1	0	0	0	0	0	NON_CORE
F42A10.3	K02E10.8	1	0	0	0	0	0	NON_CORE
F42A10.3	T22A3.3	1	0	0	0	0	0	NON_CORE
F42A10.3	W02G9.2	2	0	0	0	0	0	CORE_2
F42A10.3	W09C5.8	1	0	0	0	0	0	NON_CORE
F42A10.3	Y48B6A.12	1	0	0	0	0	0	NON_CORE
F42F12.3	H06O01.1	1	0	0	0	0	0	NON_CORE
F42F12.3	W05H9.4	1	0	0	0	0	0	NON_CORE
F42G10.2	B0478.1	19	0	0	0	2	0	CORE_1
F42G10.2	B0478.1	19	0	0	0	2	0	LITERATURE
F42G10.2	F35C8.3	0	0	0	0	1	0	LITERATURE
F42G10.2	F54A3.6	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

F42G10.2	T07A9.3	9	0	0	0	0	0	CORE_1
F42G10.2	W02G9.2	1	0	0	0	0	0	CORE_2
F42G10.2	W03C9.2	1	0	0	0	0	0	NON_CORE
F42G10.2	Y5H2B.2	1	0	0	0	0	0	NON_CORE
F42G10.2	ZK1098.10	0	0	0	0	2	0	LITERATURE
F42G2.3	F29G6.3	0	1	0	0	0	0	NON_CORE
F42G2.3	F38A5.7	1	0	0	0	0	0	CORE_2
F42G8.12	C54G4.8	0	0	0	0	0	1	INTEROLOG
F42G8.3	B0547.1	2	0	0	0	0	0	CORE_2
F42G9.6	C50F4.5	0	1	0	0	0	0	NON_CORE
F42G9.6	Y43C5A.6	0	24	0	0	0	0	CORE_1
F42G9.9	F38A5.7	5	0	0	0	0	0	CORE_1
F42G9.9	M03F4.2	1	0	0	0	0	0	NON_CORE
F42G9.9	T08A9.6	0	1	0	0	0	0	NON_CORE
F42G9.9	T08G5.5	2	0	0	0	0	0	CORE_2
F42H10.6	F17C11.9	1	0	0	0	0	0	CORE_2
F42H10.6	F42H10.6	0	5	0	0	0	0	CORE_1
F42H10.6	W02G9.2	1	0	0	0	0	0	CORE_2
F42H10.7	C27A2.6	0	0	1	0	0	0	SCAFFOLD
F42H10.7	F26F12.1	1	0	0	0	0	0	NON_CORE
F42H10.7	H20J04.5	1	0	0	0	0	0	CORE_2
F42H10.7	K04D7.1	2	0	0	0	0	0	CORE_2
F42H10.7	K09B11.9	0	1	0	0	0	0	CORE_2
F42H10.7	T04D1.3	1	0	0	0	0	0	CORE_2
F42H10.7	W04D2.1	3	0	0	0	0	0	CORE_1
F42H10.7	W05H7.4	1	0	0	0	0	0	CORE_2
F42H10.7	Y57G11C.24	1	0	0	0	0	0	CORE_2
F42H10.7	ZK1098.4	1	0	0	0	0	0	CORE_2
F43C1.2	B0464.9	1	0	0	0	0	0	NON_CORE
F43C1.2	B0547.1	1	0	0	0	0	0	CORE_2
F43C1.2	C06A8.5	4	0	0	0	0	0	CORE_1
F43C1.2	C06A8.5	4	0	0	0	0	0	SCAFFOLD
F43C1.2	C06C3.1	2	0	0	0	0	0	SCAFFOLD
F43C1.2	C45E1.1	1	0	0	0	0	0	NON_CORE
F43C1.2	C49A9.6	1	0	0	0	0	0	SCAFFOLD
F43C1.2	C49C3.7	4	0	0	0	0	0	CORE_1
F43C1.2	C49C3.7	4	0	0	0	0	0	SCAFFOLD
F43C1.2	C56G7.1	0	1	0	0	0	0	NON_CORE
F43C1.2	CC8.1	0	16	0	0	0	0	CORE_1
F43C1.2	F08C6.7	3	0	0	0	0	0	CORE_1
F43C1.2	F08C6.7	3	0	0	0	0	0	SCAFFOLD
F43C1.2	F10E9.3	4	0	0	0	0	0	SCAFFOLD
F43C1.2	F11G11.11	2	0	0	0	0	0	CORE_2
F43C1.2	F14F3.2	1	0	0	0	0	0	SCAFFOLD
F43C1.2	F26E4.6	1	0	0	0	0	0	CORE_2
F43C1.2	F29G9.2	1	0	0	0	0	0	SCAFFOLD
F43C1.2	F32D1.1	1	0	0	0	0	0	SCAFFOLD
F43C1.2	F38B2.1	5	0	0	0	0	0	SCAFFOLD
F43C1.2	F42A10.2	1	0	0	0	0	0	SCAFFOLD
F43C1.2	F42C5.10	4	0	0	0	0	0	SCAFFOLD
F43C1.2	F42H10.7	1	0	0	0	0	0	SCAFFOLD
F43C1.2	F47B10.2	2	0	0	0	0	0	SCAFFOLD
F43C1.2	F54D5.5	3	0	0	0	0	0	SCAFFOLD
F43C1.2	F54D5.7	17	0	0	0	0	0	CORE_1
F43C1.2	F59A2.1	0	8	0	0	0	0	CORE_1
F43C1.2	K04G2.10	6	0	0	0	0	0	CORE_1
F43C1.2	K04G2.10	6	0	0	0	0	0	SCAFFOLD
F43C1.2	K04G7.1	4	0	0	0	0	0	SCAFFOLD
F43C1.2	K06H6.1	0	1	0	0	0	0	CORE_2

Table S5. WI5 interactions list

F43C1.2	K11E8.1	1	0	0	0	0	0	SCAFFOLD
F43C1.2	M6.1	1	0	0	0	0	0	SCAFFOLD
F43C1.2	R02F2.5	0	3	0	0	0	0	CORE_1
F43C1.2	R07E5.8	1	0	0	0	0	0	NON_CORE
F43C1.2	T01H8.1	4	0	0	0	0	0	CORE_1
F43C1.2	T02E1.3	1	131	0	0	0	0	CORE_1
F43C1.2	T05C12.6	3	0	0	0	0	0	SCAFFOLD
F43C1.2	T08D10.1	2	0	0	0	0	0	SCAFFOLD
F43C1.2	T22A3.3	31	0	0	0	0	0	NON_CORE
F43C1.2	T22A3.3	31	0	0	0	0	0	SCAFFOLD
F43C1.2	T23H4.2	2	0	0	0	0	0	CORE_2
F43C1.2	T23H4.2	2	0	0	0	0	0	SCAFFOLD
F43C1.2	T27F2.1	1	0	0	0	0	0	CORE_2
F43C1.2	T27F2.2	1	0	0	0	0	0	SCAFFOLD
F43C1.2	W02G9.2	3	0	0	0	0	0	CORE_1
F43C1.2	W05H7.4	0	1	0	0	0	0	CORE_2
F43C1.2	W10D9.3	7	0	0	0	0	0	CORE_1
F43C1.2	W10D9.3	7	0	0	0	0	0	SCAFFOLD
F43C1.2	W10G6.3	6	0	0	0	0	0	SCAFFOLD
F43C1.2	Y17G7B.4	0	1	0	0	0	0	CORE_2
F43C1.2	Y42H9AR.1	1	0	0	0	0	0	CORE_2
F43C1.2	Y54E10BL.6	0	0	0	1	0	0	SCAFFOLD
F43C1.2	ZC477.9	0	1	0	0	0	0	CORE_2
F43C1.4	F32E10.4	8	0	0	0	0	0	CORE_1
F43E2.2	C36B1.3	0	0	0	0	0	1	INTEROLOG
F43E2.2	Y54E10BR.6	0	0	0	0	0	1	INTEROLOG
F43E2.2	Y97E10AR.5	0	0	0	0	0	1	INTEROLOG
F43G9.11	B0024.14	0	1	0	0	0	0	CORE_2
F43G9.11	B0507.1	1	0	0	0	0	0	CORE_2
F43G9.11	C06A5.9	0	1	0	0	0	0	NON_CORE
F43G9.11	F30H5.3	1	0	0	0	0	0	NON_CORE
F43G9.11	F33G12.5	1	0	0	0	0	0	NON_CORE
F43G9.11	K09B11.9	0	1	0	0	0	0	NON_CORE
F43G9.11	R05F9.10	1	0	0	0	0	0	CORE_2
F43G9.11	T27A3.1	1	0	0	0	0	0	CORE_2
F43G9.11	W02D3.9	0	1	0	0	0	0	CORE_2
F43G9.11	ZK849.2	0	3	0	0	0	0	CORE_1
F43G9.1	F35G12.2	0	0	0	0	0	1	INTEROLOG
F43G9.5	D1046.1	6	4	0	0	0	0	CORE_1
F43G9.5	D1054.8	1	0	0	0	0	0	NON_CORE
F43G9.5	F17C11.9	1	0	0	0	0	0	NON_CORE
F43G9.5	F43G9.5	0	5	0	0	0	0	CORE_1
F43G9.5	F46F11.2	1	0	0	0	0	0	NON_CORE
F43G9.5	W02G9.2	3	0	0	0	0	0	CORE_1
F43G9.5	Y42H9AR.1	1	0	0	0	0	0	NON_CORE
F43H9.2	T18D3.7	0	1	0	0	0	0	NON_CORE
F44A6.2	F42G4.3	1	0	0	0	0	0	CORE_2
F44A6.2	H02I12.5	3	2	0	0	0	0	CORE_1
F44A6.2	R02F2.5	0	1	0	0	0	0	CORE_2
F44A6.2	Y62E10A.14	2	0	0	0	0	0	CORE_2
F44B9.6	C54D1.5	1	0	0	0	0	0	SCAFFOLD
F44B9.6	F07A5.7	14	0	0	0	0	0	SCAFFOLD
F44B9.6	F10C1.7	8	0	0	0	0	0	SCAFFOLD
F44B9.6	F10G8.8	3	0	0	0	0	0	SCAFFOLD
F44B9.6	F33G12.5	4	0	0	0	0	0	SCAFFOLD
F44B9.6	F38B2.1	3	0	0	0	0	0	SCAFFOLD
F44B9.6	F41H10.4	1	0	0	0	0	0	SCAFFOLD
F44B9.6	F45G2.3	1	0	0	0	0	0	SCAFFOLD
F44B9.6	F54D5.5	3	0	0	0	0	0	SCAFFOLD

Table S5. WI5 interactions list

F44B9.6	K05B2.3	1	0	0	0	0	0	SCAFFOLD
F44B9.6	K06A4.5	1	0	0	0	0	0	SCAFFOLD
F44B9.6	K12G11.3	3	0	0	0	0	0	SCAFFOLD
F44B9.6	R11A8.6	1	0	0	0	0	0	SCAFFOLD
F44B9.6	R11E3.6	1	0	0	0	0	0	SCAFFOLD
F44B9.6	T05B11.1	1	0	0	0	0	0	SCAFFOLD
F44B9.6	T05C12.6	3	0	0	0	0	0	SCAFFOLD
F44B9.6	T05E7.5	3	0	0	0	0	0	SCAFFOLD
F44B9.6	T21B6.3	2	0	0	0	0	0	SCAFFOLD
F44B9.6	T22H2.6	2	0	0	0	0	0	SCAFFOLD
F44B9.6	T27C4.4	1	0	0	0	0	0	SCAFFOLD
F44B9.6	W04D2.1	2	0	0	0	0	0	SCAFFOLD
F44B9.6	W10G6.3	1	0	0	0	0	0	SCAFFOLD
F44B9.6	Y54E2A.3	15	0	0	0	0	0	SCAFFOLD
F44B9.6	Y57G11C.24	3	0	0	0	0	0	SCAFFOLD
F44B9.6	Y69H2.3	1	0	0	0	0	0	SCAFFOLD
F44B9.6	Y82E9BR.13	1	0	0	0	0	0	SCAFFOLD
F44B9.6	ZK1127.4	1	0	0	0	0	0	SCAFFOLD
F44B9.6	ZK930.3	4	0	0	0	0	0	SCAFFOLD
F44B9.8	C39E9.13	0	0	0	0	0	1	INTEROLOG
F44B9.8	F31E3.3	0	0	0	0	0	1	INTEROLOG
F44B9.9	C38D4.6	1	0	0	0	0	0	CORE_2
F44C4.3	T28F12.2	0	1	0	0	0	0	NON_CORE
F44C8.7	Y41E3.7	2	0	0	0	0	0	CORE_2
F44E7.8	F16H11.5	1	0	0	0	0	0	CORE_2
F44E7.8	K11D12.10	0	1	0	0	0	0	NON_CORE
F44E7.9	C38D4.6	1	0	0	0	0	0	CORE_2
F44G3.9	B0350.2	5	0	0	0	0	0	CORE_1
F44G3.9	B0464.5	0	1	0	0	0	0	NON_CORE
F44G3.9	C04F5.8	0	1	0	0	0	0	NON_CORE
F44G3.9	C15A7.2	0	1	0	0	0	0	NON_CORE
F44G3.9	C18D1.1	1	0	0	0	0	0	NON_CORE
F44G3.9	C27H5.2	1	2	0	0	0	0	CORE_1
F44G3.9	C35E7.8	0	1	0	0	0	0	NON_CORE
F44G3.9	C36B1.11	1	0	0	0	0	0	NON_CORE
F44G3.9	C36B1.8	1	0	0	0	0	0	NON_CORE
F44G3.9	D1054.8	0	1	0	0	0	0	NON_CORE
F44G3.9	D2096.12	2	0	0	0	0	0	CORE_2
F44G3.9	F13H8.6	0	1	0	0	0	0	NON_CORE
F44G3.9	F15C11.2	1	0	0	0	0	0	NON_CORE
F44G3.9	F18E2.2	0	1	0	0	0	0	NON_CORE
F44G3.9	F20D1.10	0	1	0	0	0	0	NON_CORE
F44G3.9	F25H9.2	0	1	0	0	0	0	NON_CORE
F44G3.9	F26D10.3	1	0	0	0	0	0	NON_CORE
F44G3.9	F32D8.3	0	1	0	0	0	0	NON_CORE
F44G3.9	F39H12.1	0	1	0	0	0	0	CORE_2
F44G3.9	F44G3.9	0	2	0	0	0	0	CORE_2
F44G3.9	F47B10.1	0	1	0	0	0	0	NON_CORE
F44G3.9	F49H12.3	0	2	0	0	0	0	CORE_2
F44G3.9	F53F1.5	1	0	0	0	0	0	NON_CORE
F44G3.9	F54C4.2	0	1	0	0	0	0	NON_CORE
F44G3.9	F56A3.4	1	0	0	0	0	0	CORE_2
F44G3.9	F59C6.5	1	0	0	0	0	0	NON_CORE
F44G3.9	H02I12.5	2	0	0	0	0	0	CORE_2
F44G3.9	K08E3.7	1	0	0	0	0	0	CORE_2
F44G3.9	T06G6.3	0	1	0	0	0	0	CORE_2
F44G3.9	T10B11.3	1	10	0	0	0	0	CORE_1
F44G3.9	T10B11.5	0	1	0	0	0	0	NON_CORE
F44G3.9	T18H9.1	0	1	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

F44G3.9	T20D4.4	0	1	0	0	0	0	NON_CORE
F44G3.9	T22H2.5	0	1	0	0	0	0	CORE_2
F44G3.9	W05B2.5	1	0	0	0	0	0	NON_CORE
F44G3.9	Y111B2A.23	0	1	0	0	0	0	NON_CORE
F44G3.9	Y119C1A.1	0	4	0	0	0	0	CORE_1
F44G3.9	Y11D7A.12	1	0	0	0	0	0	CORE_2
F44G3.9	Y45F10D.12	1	0	0	0	0	0	NON_CORE
F44G3.9	Y47G6A.15	3	0	0	0	0	0	CORE_1
F44G3.9	Y48E1A.1	1	0	0	0	0	0	NON_CORE
F44G3.9	Y54F10AM.7	0	1	0	0	0	0	NON_CORE
F44G3.9	Y62E10A.14	2	0	0	0	0	0	CORE_2
F44G3.9	Y65B4BR.4	0	1	0	0	0	0	NON_CORE
F44G3.9	ZK112.2	0	1	0	0	0	0	CORE_2
F44G3.9	ZK652.6	0	1	0	0	0	0	NON_CORE
F44G4.4	C25A1.4	0	2	0	0	0	0	CORE_2
F44G4.4	F44G4.4	0	1	0	0	0	0	CORE_2
F45E12.2	T20B12.2	0	0	0	0	0	1	INTEROLOG
F45E12.2	ZK856.13	0	0	0	0	0	1	INTEROLOG
F45E1.6	C04A11.1	0	1	0	0	0	0	NON_CORE
F45E1.7	CC4.2	1	0	0	0	0	0	NON_CORE
F45E1.7	F09F7.5	1	0	0	0	0	0	NON_CORE
F45G2.3	H26D21.2	0	0	0	0	0	1	INTEROLOG
F45G2.4	Y71F9AL.17	4	0	0	0	0	0	CORE_1
F46A9.4	F02D10.6	0	0	1	0	0	0	SCAFFOLD
F46A9.4	F54D5.9	0	0	9	0	0	0	SCAFFOLD
F46A9.5	D2045.6	0	0	0	0	0	1	INTEROLOG
F46C5.9	C18C4.10	4	0	0	0	0	0	CORE_1
F46C5.9	W02G9.2	1	0	0	0	0	0	CORE_2
F46C5.9	Y48G10A.2	7	0	0	0	0	0	CORE_1
F46C8.5	F01D4.6	0	0	0	0	1	0	LITERATURE
F46C8.5	F58A3.1	0	0	0	0	3	0	LITERATURE
F46F11.5	F20B6.2	0	0	0	0	0	1	INTEROLOG
F46F11.5	ZK970.4	0	0	0	0	0	1	INTEROLOG
F46F2.2	B0495.5	1	0	0	0	0	0	SCAFFOLD
F46F2.2	F46F2.2	1	0	0	0	0	0	SCAFFOLD
F46F2.2	T04A11.6	1	0	0	0	0	0	SCAFFOLD
F46F2.2	T06E4.3	1	0	0	0	0	0	SCAFFOLD
F46F2.2	W03D2.4	1	0	0	0	0	0	SCAFFOLD
F46G11.1	C06G3.6	0	2	0	0	0	0	CORE_2
F46G11.1	D1054.13	1	0	0	0	0	0	CORE_2
F46G11.1	F01F1.4	2	0	0	0	0	0	CORE_2
F46G11.1	F43G6.8	1	0	0	0	0	0	CORE_2
F46G11.1	H06I04.1	2	6	0	0	0	0	CORE_1
F46G11.1	K09B11.9	1	0	0	0	0	0	NON_CORE
F46G11.1	Y119C1A.1	0	41	0	0	0	0	CORE_1
F46G11.1	ZK1055.7	0	11	0	0	0	0	CORE_1
F46G11.1	ZK1098.10	1	0	0	0	0	0	CORE_2
F46G11.3	B0393.1	1	0	0	0	0	0	NON_CORE
F46G11.3	C38D4.6	2	0	0	0	0	0	CORE_2
F46G11.3	F08F3.3	1	0	0	0	0	0	NON_CORE
F46G11.3	T07A9.11	1	0	0	0	0	0	NON_CORE
F46G11.3	T12A2.2	1	0	0	0	0	0	NON_CORE
F46H5.3	W02G9.2	1	0	0	0	0	0	NON_CORE
F47D12.4	C27A12.2	1	0	0	0	0	0	SCAFFOLD
F47D12.4	C34C12.2	1	0	0	0	0	0	SCAFFOLD
F47D12.4	C37A2.2	1	0	0	0	0	0	SCAFFOLD
F47D12.4	F18A1.3	1	0	0	0	0	0	SCAFFOLD
F47D12.4	F52B10.1	1	0	0	0	0	0	SCAFFOLD
F47D12.4	M151.7	1	0	0	0	0	0	SCAFFOLD

Table S5. WI5 interactions list

F47D12.4	T03G11.1	1	0	0	0	0	0	SCAFFOLD
F47D12.4	T19B10.7	1	0	0	0	0	0	SCAFFOLD
F47D12.4	Y66D12A.5	1	0	0	0	0	0	SCAFFOLD
F47G4.4	C32F10.6	1	0	0	0	0	0	NON_CORE
F47G4.4	F07F6.8	1	0	0	0	0	0	CORE_2
F47G4.4	Y75B8A.1	1	0	0	0	0	0	CORE_2
F47G6.1	B0303.7	1	0	0	0	0	0	NON_CORE
F47G6.1	B0336.6	3	0	0	0	0	0	CORE_1
F47G6.1	B0365.1	1	0	0	0	0	0	CORE_2
F47G6.1	C06G3.6	0	1	0	0	0	0	NON_CORE
F47G6.1	C34B2.4	0	1	0	0	0	0	NON_CORE
F47G6.1	C43C3.1	1	0	0	0	0	0	CORE_2
F47G6.1	C44B9.2	1	0	0	0	0	0	CORE_2
F47G6.1	C50E3.13	0	2	0	0	0	0	CORE_2
F47G6.1	F07A5.7	1	1	0	0	0	0	CORE_2
F47G6.1	F10C1.7	3	0	0	0	0	0	CORE_1
F47G6.1	F15D3.1	0	0	0	0	4	0	LITERATURE
F47G6.1	F23F1.8	7	2	0	0	0	0	CORE_1
F47G6.1	F30A10.8	0	0	0	0	1	0	LITERATURE
F47G6.1	F33D4.6	1	0	0	0	0	0	CORE_2
F47G6.1	F44A2.1	1	0	0	0	0	0	CORE_2
F47G6.1	F44D12.1	1	0	0	0	0	0	CORE_2
F47G6.1	F45E4.4	1	0	0	0	0	0	CORE_2
F47G6.1	F57B10.3	1	0	0	0	0	0	NON_CORE
F47G6.1	F57C2.5	0	1	0	0	0	0	NON_CORE
F47G6.1	F59C12.3	1	0	0	0	0	0	CORE_2
F47G6.1	F59C6.5	2	0	0	0	0	0	CORE_2
F47G6.1	H06O01.1	1	0	0	0	0	0	NON_CORE
F47G6.1	K10B3.7	1	0	0	0	0	0	NON_CORE
F47G6.1	M6.1	2	0	0	0	0	0	CORE_2
F47G6.1	R04E5.10	1	0	0	0	0	0	CORE_2
F47G6.1	R10E12.1	1	0	0	0	0	0	NON_CORE
F47G6.1	T27A3.1	4	0	0	0	0	0	CORE_1
F47G6.1	W04D2.1	1	0	0	0	0	0	CORE_2
F47G6.1	W07G1.3	1	0	0	0	0	0	CORE_2
F47G6.1	Y39G10AR.10	1	0	0	0	0	0	CORE_2
F47G6.1	Y48C3A.17	0	1	0	0	0	0	CORE_2
F47G6.1	Y56A3A.13	0	2	0	0	0	0	CORE_2
F47G6.1	Y59A8B.22	3	0	0	0	0	0	CORE_1
F47G6.1	Y79H2A.1	1	0	0	0	0	0	CORE_2
F47G9.1	Y60A3A.9	0	0	0	0	0	1	INTEROLOG
F48E8.5	C38D4.6	1	0	0	0	0	0	NON_CORE
F48E8.7	C30G12.7	1	0	0	0	0	0	NON_CORE
F48F7.7	C37C3.6	2	0	0	0	0	0	NON_CORE
F48F7.7	F13G11.1	1	0	0	0	0	0	NON_CORE
F48F7.7	F23H11.1	3	0	0	0	0	0	CORE_1
F48F7.7	K04G2.10	1	0	0	0	0	0	CORE_2
F48F7.7	K04H4.2	1	0	0	0	0	0	NON_CORE
F48F7.7	M03F4.6	1	0	0	0	0	0	NON_CORE
F48F7.7	T21B6.3	1	0	0	0	0	0	CORE_2
F48F7.7	Y113G7B.23	0	3	0	0	0	0	CORE_1
F48F7.7	Y53F4B.11	3	7	0	0	0	0	CORE_1
F48F7.7	Y55F3BR.3	1	0	0	0	0	0	NON_CORE
F48F7.7	Y55F3C.6	0	1	0	0	0	0	CORE_2
F49C12.8	B0205.3	0	0	0	0	0	1	INTEROLOG
F49C12.8	C30C11.2	0	0	0	0	0	1	INTEROLOG
F49C12.8	C52E4.4	0	0	0	0	0	1	INTEROLOG
F49C12.8	F10G7.8	0	0	0	0	0	1	INTEROLOG
F49C12.8	F23F12.6	0	0	0	0	0	1	INTEROLOG

Table S5. WI5 interactions list

F49C12.8	F57B9.10	0	0	0	0	0	1	INTEROLOG
F49C12.8	Y62E10A.14	1	0	0	0	0	0	SCAFFOLD
F49C12.8	ZK20.5	0	0	0	0	0	1	INTEROLOG
F49E12.9	ZC8.1	0	0	0	0	0	1	INTEROLOG
F52B5.6	B0041.4	0	0	0	0	0	1	INTEROLOG
F52B5.6	B0250.1	0	0	0	0	0	1	INTEROLOG
F52B5.6	B0336.10	0	0	0	0	0	1	INTEROLOG
F52B5.6	F13B10.2	0	0	0	0	0	1	INTEROLOG
F52B5.6	F28C6.7	0	0	0	0	0	1	INTEROLOG
F52B5.6	F53G12.10	0	0	0	0	0	1	INTEROLOG
F52B5.6	F54C9.5	0	0	0	0	0	1	INTEROLOG
F52B5.6	JC8.3	0	0	0	0	0	1	INTEROLOG
F52B5.6	M01F1.2	0	0	0	0	0	1	INTEROLOG
F52B5.6	T24B8.1	0	0	0	0	0	1	INTEROLOG
F52B5.6	Y37E3.8	0	0	0	0	0	1	INTEROLOG
F52B5.6	Y48G8AL.8	0	0	0	0	0	1	INTEROLOG
F52B5.6	Y71F9AL.13	0	0	0	0	0	1	INTEROLOG
F52B5.6	ZK652.4	0	0	0	0	0	1	INTEROLOG
F52C6.3	F52C6.3	0	0	15	0	0	0	SCAFFOLD
F52C6.3	T07G12.11	0	0	1	0	0	0	SCAFFOLD
F52D10.1	K09G1.1	1	0	0	0	0	0	NON_CORE
F52E1.7	F52E1.7	13	10	0	0	0	0	CORE_1
F52E1.7	W02G9.2	2	0	0	0	0	0	CORE_2
F52E4.7	C43E11.11	2	0	0	0	0	0	NON_CORE
F52E4.7	F28C10.1	0	1	0	0	0	0	NON_CORE
F52E4.7	F57B10.4	0	9	0	0	0	0	CORE_1
F52E4.7	Y37A1B.1	0	14	0	0	0	0	CORE_1
F52F12.3	B0336.1	0	0	0	0	1	0	LITERATURE
F52F12.3	C42D4.1	1	0	0	0	0	0	NON_CORE
F52F12.3	C44H4.5	0	0	0	0	1	0	LITERATURE
F52F12.3	C48D5.1	2	0	0	0	0	0	CORE_2
F52F12.3	F53G12.10	1	0	0	0	0	0	NON_CORE
F52F12.3	K11G9.5	1	0	0	0	0	0	NON_CORE
F52F12.3	VW06B3R.1	1	0	0	0	0	0	NON_CORE
F52F12.3	W06F12.1	0	0	0	0	3	0	LITERATURE
F52F12.3	W10C8.2	0	0	0	0	1	0	LITERATURE
F52G2.1	Y48G8AL.6	0	0	0	0	0	1	INTEROLOG
F53A3.3	C47E8.5	1	0	0	0	0	0	NON_CORE
F53A3.3	T07C4.1	2	0	0	0	0	0	CORE_2
F53A3.3	T09B4.8	1	0	0	0	0	0	NON_CORE
F53F4.10	C38D4.6	1	0	0	0	0	0	CORE_2
F53G12.10	T24B8.1	0	0	0	0	0	1	INTEROLOG
F53G2.6	K01G5.4	0	0	0	0	0	1	INTEROLOG
F54A5.3	C39D10.7	2	0	0	0	0	0	CORE_2
F54A5.3	K08A8.1	8	0	0	0	0	0	CORE_1
F54B11.5	Y106G6A.5	1	0	0	0	0	0	NON_CORE
F54C1.3	C09G4.5	0	0	0	0	2	0	LITERATURE
F54C1.3	M18.2	1	0	0	0	0	0	NON_CORE
F54C1.3	R06A4.7	0	0	0	0	1	0	LITERATURE
F54C8.3	C01H6.9	1	0	0	0	0	0	NON_CORE
F54C8.3	C14B9.2	1	0	0	0	0	0	NON_CORE
F54C8.3	C38D4.6	3	0	0	0	0	0	CORE_1
F54C8.3	F08B12.2	1	0	0	0	0	0	NON_CORE
F54C8.3	F52D10.3	1	0	0	0	0	0	NON_CORE
F54C8.3	F52H3.7	1	0	0	0	0	0	NON_CORE
F54C8.3	K11H3.1	1	0	0	0	0	0	NON_CORE
F54C8.3	T21G5.5	1	0	0	0	0	0	NON_CORE
F54C8.3	Y17G7B.5	1	0	0	0	0	0	NON_CORE
F54C9.11	C52B11.2	0	1	0	0	0	0	CORE_2

Table S5. WI5 interactions list

F54C9.1	T21F4.1	0	0	0	0	0	1	INTEROLOG
F54C9.5	B0041.4	0	0	0	0	0	1	INTEROLOG
F54C9.5	B0250.1	0	0	0	0	0	1	INTEROLOG
F54C9.5	B0336.10	0	0	0	0	0	1	INTEROLOG
F54C9.5	F28C6.7	0	0	0	0	0	1	INTEROLOG
F54C9.5	F53G12.10	0	0	0	0	0	1	INTEROLOG
F54C9.5	JC8.3	0	0	0	0	0	1	INTEROLOG
F54C9.5	M01F1.2	0	0	0	0	0	1	INTEROLOG
F54C9.5	T24B8.1	0	0	0	0	0	1	INTEROLOG
F54C9.5	Y37E3.8	0	0	0	0	0	1	INTEROLOG
F54C9.5	Y48G8AL.8	0	0	0	0	0	1	INTEROLOG
F54C9.5	ZK652.4	0	0	0	0	0	1	INTEROLOG
F54D10.7	F54D10.7	0	0	22	0	0	0	SCAFFOLD
F54D5.9	F46A9.4	0	0	1	0	0	0	SCAFFOLD
F54D7.2	B0213.11	0	1	0	0	0	0	NON_CORE
F54D8.1	F25D1.1	1	0	0	0	0	0	NON_CORE
F54E12.2	T01G9.4	1	0	0	0	0	0	SCAFFOLD
F54E7.7	C02F4.2	0	148	0	0	0	0	CORE_1
F54E7.7	C16A3.7	0	1	0	0	0	0	NON_CORE
F54E7.7	C47C12.3	0	1	0	0	0	0	CORE_2
F54E7.7	F44A2.7	0	1	0	0	0	0	CORE_2
F54E7.7	F49A5.5	0	1	0	0	0	0	CORE_2
F54E7.7	T22F3.2	0	1	0	0	0	0	NON_CORE
F54F7.1	C14A4.10	0	0	0	0	0	1	INTEROLOG
F54F7.1	W09B6.2	0	0	0	0	0	1	INTEROLOG
F54G8.3	ZK1058.2	0	0	0	0	1	0	LITERATURE
F54H12.6	R03G5.1	0	0	0	0	0	1	INTEROLOG
F55A11.2	B0361.10	0	0	0	0	0	1	INTEROLOG
F55A11.2	C39F7.4	0	0	0	0	0	1	INTEROLOG
F55A11.2	F08F8.8	0	0	0	0	0	1	INTEROLOG
F55A11.2	F43D9.3	0	0	0	0	0	1	INTEROLOG
F55A4.1	F55A11.2	0	0	0	0	0	1	INTEROLOG
F55B12.3	CC8.1	6	0	0	0	0	0	CORE_1
F55B12.3	D2045.6	0	0	0	0	0	1	INTEROLOG
F55B12.3	F02A9.6	0	0	0	0	2	0	LITERATURE
F55B12.3	F35H12.3	0	0	0	0	2	0	LITERATURE
F55B12.3	F42C5.10	1	0	0	0	0	0	SCAFFOLD
F55B12.3	F46A9.5	0	0	0	0	0	1	INTEROLOG
F55B12.3	F46A9.5	30	0	0	0	2	0	CORE_1
F55B12.3	F46A9.5	30	0	0	0	2	0	LITERATURE
F55B12.3	F46A9.5	30	0	0	0	2	0	SCAFFOLD
F55B12.3	K06A1.4	5	0	0	0	0	0	CORE_1
F55B12.3	K06A1.4	5	0	0	0	0	0	SCAFFOLD
F55B12.3	R04B5.4	2	0	0	0	0	0	CORE_2
F55B12.3	R107.8	0	0	0	0	2	0	LITERATURE
F55B12.3	R10D12.14	1	0	0	0	0	0	SCAFFOLD
F55B12.3	Y41C4A.12	2	0	0	0	0	0	CORE_2
F55F3.1	T01C8.1	0	0	0	0	0	1	INTEROLOG
F55F3.3	F36F2.4	1	0	0	0	0	0	NON_CORE
F55H2.2	C30F8.2	0	0	0	0	0	1	INTEROLOG
F55H2.2	F20B6.2	0	0	0	0	0	1	INTEROLOG
F55H2.2	T01H3.1	0	0	0	0	0	1	INTEROLOG
F55H2.2	ZK637.8	0	0	0	0	0	1	INTEROLOG
F56A12.1	C49A1.4	0	8	0	0	0	0	CORE_1
F56A8.6	F15C11.2	4	0	0	0	0	0	CORE_1
F56A8.6	F25B5.7	2	0	0	0	0	0	CORE_2
F56A8.6	K02B9.1	0	1	0	0	0	0	NON_CORE
F56A8.6	R10E9.1	0	0	0	0	0	1	INTEROLOG
F56A8.6	R144.2	0	0	0	0	0	1	INTEROLOG

Table S5. WI5 interactions list

F56A8.6	W05H7.4	0	3	0	0	0	0	CORE_1
F56A8.6	Y106G6H.2	0	0	0	0	0	1	INTEROLOG
F56B3.10	F55C12.1	0	1	0	0	0	0	CORE_2
F56C11.6	F56G4.5	1	0	0	0	0	0	NON_CORE
F56C9.1	C15H11.9	1	0	0	0	0	0	SCAFFOLD
F56C9.1	CC8.2	0	0	0	0	0	1	INTEROLOG
F56C9.1	F46F3.4	1	0	0	0	0	0	SCAFFOLD
F56E10.2	M03F4.2	0	0	0	0	0	1	INTEROLOG
F56E10.2	R07G3.1	0	0	0	0	0	1	INTEROLOG
F56E3.3	B0414.8	2	0	0	0	0	0	CORE_2
F56E3.3	C06G3.10	2	0	0	0	0	0	CORE_2
F56E3.3	F36D4.5	1	0	0	0	0	0	NON_CORE
F56E3.3	Y71A12B.1	1	0	0	0	0	0	NON_CORE
F56F3.5	T07C4.1	2	0	0	0	0	0	CORE_2
F56F4.5	Y75B8A.1	1	0	0	0	0	0	NON_CORE
F56H1.4	C44B7.1	2	0	0	0	0	0	SCAFFOLD
F56H1.4	C52E4.4	0	0	0	0	0	1	INTEROLOG
F56H1.4	F10G7.8	0	0	0	0	0	1	INTEROLOG
F56H1.4	F23F12.6	0	0	0	0	0	1	INTEROLOG
F56H1.4	F23F1.8	0	0	0	0	0	1	INTEROLOG
F56H1.4	F23F1.8	58	0	0	1	0	0	SCAFFOLD
F56H1.4	F57B9.10	0	0	0	0	0	1	INTEROLOG
F56H1.4	F57F5.1	1	0	0	0	0	0	SCAFFOLD
F56H1.4	ZK20.5	0	0	0	0	0	1	INTEROLOG
F57B10.11	C32F10.6	0	1	0	0	0	0	NON_CORE
F57B10.11	F26D10.3	5	0	0	0	0	0	CORE_1
F57B10.11	T03G11.6	2	0	0	0	0	0	NON_CORE
F57B10.11	Y43F8B.2	5	0	0	0	0	0	CORE_1
F57B10.11	Y94H6A.9	1	5	0	0	0	0	CORE_1
F57B10.12	R02F2.5	1	0	0	0	0	0	CORE_2
F57B10.12	T01G9.5	42	2	0	0	2	0	CORE_1
F57B10.12	T01G9.5	42	2	0	0	2	0	LITERATURE
F57B10.12	W10D5.3	1	0	0	0	0	0	NON_CORE
F57B10.12	ZC328.4	2	0	0	0	0	0	CORE_2
F57B9.10	F10G7.8	0	0	0	0	0	1	INTEROLOG
F57B9.2	ZC518.3	0	0	0	0	0	1	INTEROLOG
F57B9.6	M110.4	0	0	0	0	0	1	INTEROLOG
F57C9.5	F41H10.10	0	0	1	0	0	0	SCAFFOLD
F57F5.5	C54E10.2	0	1	0	0	0	0	NON_CORE
F57F5.5	T26E4.15	0	1	0	0	0	0	NON_CORE
F58A4.4	C49H3.11	1	0	0	0	0	0	SCAFFOLD
F58A4.4	R01H10.1	0	0	0	0	0	1	INTEROLOG
F58A4.4	Y106G6H.2	1	0	0	0	0	0	SCAFFOLD
F58A4.8	C16A3.9	1	0	0	0	0	0	NON_CORE
F58A4.8	C36E8.5	1	0	0	0	0	0	NON_CORE
F58A4.8	C38D4.6	3	0	0	0	0	0	CORE_1
F58A4.8	C44B7.5	1	0	0	0	0	0	NON_CORE
F58A4.8	C45G3.3	3	0	0	0	0	0	CORE_1
F58A4.8	C50C3.6	1	0	0	0	0	0	NON_CORE
F58A4.8	F08F8.2	1	0	0	0	0	0	NON_CORE
F58A4.8	F21C3.5	0	0	0	0	0	1	INTEROLOG
F58A4.8	F52D10.3	1	0	0	0	0	0	NON_CORE
F58A4.8	F57B10.10	2	0	0	0	0	0	CORE_2
F58A4.8	F57B10.7	1	0	0	0	0	0	NON_CORE
F58A4.8	H20J04.5	0	0	0	0	0	1	INTEROLOG
F58A4.8	R06C7.10	1	0	0	0	0	0	NON_CORE
F58A4.8	T06G6.9	0	0	0	0	0	1	INTEROLOG
F58A4.9	C15H11.8	0	0	0	0	0	1	INTEROLOG
F58A4.9	C36B1.3	0	0	0	0	0	1	INTEROLOG

Table S5. WI5 interactions list

F58B3.6	C27B7.4	1	0	0	0	0	0	NON_CORE
F58E10.3	Y48G8AL.6	0	0	0	0	0	1	INTEROLOG
F58F12.1	H28O16.1	0	0	0	0	0	1	INTEROLOG
F58F12.1	Y69A2AR.18	0	0	0	0	0	1	INTEROLOG
F58F6.4	C39E9.13	0	0	0	0	0	1	INTEROLOG
F58F6.4	F31E3.3	0	0	0	0	0	1	INTEROLOG
F58F6.4	F42C5.8	1	0	0	0	0	0	NON_CORE
F58F6.4	F44B9.8	0	0	0	0	0	1	INTEROLOG
F58F6.4	F44B9.8	61	0	0	0	0	0	CORE_1
F58F6.4	R13A5.12	1	0	0	0	0	0	NON_CORE
F58G11.6	F11G11.11	1	0	0	0	0	0	NON_CORE
F58G1.5	R09G11.2	1	0	0	0	0	0	NON_CORE
F58G6.5	F35C8.5	0	1	0	0	0	0	NON_CORE
F58G6.5	Y38H6C.12	0	1	0	0	0	0	NON_CORE
F58G6.5	ZC443.4	0	1	0	0	0	0	NON_CORE
F59A2.3	F42C5.8	1	0	0	0	0	0	NON_CORE
F59A2.4	B0336.9	1	0	0	0	0	0	CORE_2
F59A2.4	B0464.5	1	0	0	0	0	0	NON_CORE
F59A2.4	C02F5.9	6	0	0	0	0	0	CORE_1
F59A2.4	F28C6.6	0	0	0	0	0	1	INTEROLOG
F59A2.4	F56A8.6	0	0	0	0	0	1	INTEROLOG
F59A2.4	R144.2	0	0	0	0	0	1	INTEROLOG
F59A2.4	T10E10.5	1	0	0	0	0	0	NON_CORE
F59A3.3	ZK899.5	0	4	0	0	0	0	CORE_1
F59A6.1	C33H5.9	1	0	0	0	0	0	NON_CORE
F59A6.1	C38D4.6	21	0	0	0	0	0	CORE_1
F59A6.1	F31E3.5	2	0	0	0	0	0	NON_CORE
F59A6.1	H28O16.1	1	0	0	0	0	0	NON_CORE
F59A6.1	K11E8.1	0	0	0	0	4	0	LITERATURE
F59A6.1	ZK945.7	1	0	0	0	0	0	NON_CORE
F59B2.3	F25H5.3	0	1	0	0	0	0	NON_CORE
F59B2.3	T03F6.3	2	0	0	0	0	0	CORE_2
F59C6.4	B0564.1	0	0	0	0	0	1	INTEROLOG
F59C6.4	F37C12.13	0	0	0	0	0	1	INTEROLOG
F59E10.3	C13B9.3	0	0	0	0	0	1	INTEROLOG
F59E10.3	F38E11.5	0	0	0	0	0	1	INTEROLOG
F59E10.3	Y71F9AL.17	0	0	0	0	0	1	INTEROLOG
F59E12.10	C55A6.9	0	1	0	0	0	0	NON_CORE
F59E12.10	F57B10.4	0	1	0	0	0	0	CORE_2
F59E12.10	F59B1.2	1	0	0	0	0	0	CORE_2
F59E12.10	K08E7.2	6	27	0	0	0	0	CORE_1
F59E12.10	R06C1.3	0	27	0	0	0	0	CORE_1
F59E12.10	Y48E1B.1	0	31	0	0	0	0	CORE_1
F59E12.10	Y54E2A.3	15	1	0	0	0	0	CORE_1
F59E12.2	C38D4.6	1	0	0	0	0	0	NON_CORE
F59E12.2	D1081.2	1	0	0	0	0	0	NON_CORE
F59E12.2	F13B10.2	1	0	0	0	0	0	NON_CORE
F59E12.2	H28O16.1	2	0	0	0	0	0	CORE_2
F59E12.2	T28C6.7	1	0	0	0	0	0	NON_CORE
F59E12.2	Y106G6H.2	1	0	0	0	0	0	NON_CORE
F59E12.2	ZC155.1	1	0	0	0	0	0	NON_CORE
F59F3.1	T04B8.3	1	0	0	0	0	0	NON_CORE
F59F4.2	R02F2.5	0	4	0	0	0	0	CORE_1
F59G1.3	ZK1128.8	0	0	0	0	0	1	INTEROLOG
H02I12.8	F13B10.2	1	0	0	0	0	0	NON_CORE
H02I12.8	M7.1	1	0	0	0	0	0	NON_CORE
H04J21.3	AC3.3	1	0	0	0	0	0	NON_CORE
H04J21.3	B0024.14	0	14	0	0	0	0	CORE_1
H04J21.3	C03A7.14	4	0	0	0	0	0	CORE_1

Table S5. WI5 interactions list

H04J21.3	C03A7.4	1	0	0	0	0	0	CORE_2
H04J21.3	C06A5.9	0	1	0	0	0	0	NON_CORE
H04J21.3	C14B9.3	1	0	0	0	0	0	NON_CORE
H04J21.3	C38D4.6	4	0	0	0	0	0	CORE_1
H04J21.3	DH11.2	1	0	0	0	0	0	NON_CORE
H04J21.3	F23C8.5	1	0	0	0	0	0	NON_CORE
H04J21.3	F52C6.3	0	4	0	0	0	0	CORE_1
H04J21.3	F52D10.3	1	0	0	0	0	0	NON_CORE
H04J21.3	F54D8.1	1	0	0	0	0	0	NON_CORE
H04J21.3	H06I04.4	1	0	0	0	0	0	NON_CORE
H04J21.3	K09H11.1	1	0	0	0	0	0	NON_CORE
H04J21.3	R06F6.8	2	0	0	0	0	0	CORE_2
H04J21.3	R151.3	1	0	0	0	0	0	NON_CORE
H04J21.3	R151.6	1	0	0	0	0	0	NON_CORE
H04J21.3	T12B5.4	0	1	0	0	0	0	NON_CORE
H04J21.3	T24B8.1	1	0	0	0	0	0	NON_CORE
H04J21.3	Y42G9A.1	0	1	0	0	0	0	NON_CORE
H04J21.3	Y69H2.3	0	8	0	0	0	0	CORE_1
H04J21.3	Y71F9AL.13	1	0	0	0	0	0	NON_CORE
H04J21.3	ZK1010.3	0	1	0	0	0	0	NON_CORE
H06I04.4	R06F6.8	1	0	0	0	0	0	NON_CORE
H12C20.2	H26D21.2	0	0	0	0	0	1	INTEROLOG
H12C20.2	T28A8.7	0	0	0	0	0	1	INTEROLOG
H12C20.2	T28A8.7	12	0	0	0	0	0	CORE_1
H12C20.2	T28A8.7	12	0	0	0	0	0	SCAFFOLD
H12C20.2	Y47G6A.11	0	0	0	0	0	1	INTEROLOG
H14E04.5	F39H11.3	0	0	0	0	0	1	INTEROLOG
H15N14.2	D1014.3	0	0	0	0	0	1	INTEROLOG
H19N07.1	T05H4.6	0	0	0	0	0	1	INTEROLOG
H20J04.5	C38D4.6	3	0	0	0	0	0	CORE_1
H20J04.5	K12C11.2	1	0	0	0	0	0	NON_CORE
H20J04.5	R151.9	2	0	0	0	0	0	CORE_2
H20J04.5	W09H1.6	1	0	0	0	0	0	NON_CORE
H20J04.8	K08D10.3	0	0	0	0	0	1	INTEROLOG
H26D21.1	C07A12.4	1	0	0	0	0	0	SCAFFOLD
H26D21.1	C14B1.1	0	0	0	0	1	0	LITERATURE
H26D21.1	F56D12.5	1	0	0	0	1	0	LITERATURE
H26D21.1	F56D12.5	1	0	0	0	1	0	SCAFFOLD
H26D21.1	K12H4.1	1	0	0	0	1	0	LITERATURE
H26D21.1	K12H4.1	1	0	0	0	1	0	SCAFFOLD
H26D21.1	R06C1.1	1	0	0	0	0	0	SCAFFOLD
H26D21.1	Y41C4A.14	2	3	0	0	1	0	CORE_1
H26D21.1	Y41C4A.14	2	3	0	0	1	0	LITERATURE
H26D21.2	T28A8.7	0	0	0	0	0	1	INTEROLOG
H26D21.2	Y47G6A.11	0	0	0	0	0	1	INTEROLOG
H26D21.2	Y47G6A.11	1	0	0	0	0	0	SCAFFOLD
H27M09.2	F14B4.3	0	0	0	0	0	1	INTEROLOG
H32C10.3	C35B8.2	0	0	0	0	0	1	INTEROLOG
H32C10.3	K02B12.7	0	0	0	0	0	1	INTEROLOG
H38K22.2	R02F2.5	0	3	0	0	0	0	CORE_1
H42K12.1	C10F3.5	1	0	0	0	0	0	NON_CORE
H42K12.1	Y65B4BR.4	1	0	0	0	0	0	NON_CORE
H43I07.2	C15H11.8	0	0	0	0	0	1	INTEROLOG
H43I07.2	C42D4.8	0	0	0	0	0	1	INTEROLOG
H43I07.2	F09F7.3	0	0	0	0	0	1	INTEROLOG
H43I07.2	F14B4.3	0	0	0	0	0	1	INTEROLOG
H43I07.2	F26F4.11	0	0	0	0	0	1	INTEROLOG
H43I07.2	F58A4.9	0	0	0	0	0	1	INTEROLOG
H43I07.2	H27M09.2	0	0	0	0	0	1	INTEROLOG

Table S5. WI5 interactions list

H43I07.2	W09C3.4	0	0	0	0	0	1	INTEROLOG
H43I07.2	Y37E3.3	0	0	0	0	0	1	INTEROLOG
H43I07.2	Y48E1A.1	0	0	0	0	0	1	INTEROLOG
H43I07.2	ZK856.10	0	0	0	0	0	1	INTEROLOG
JC8.3	B0250.1	0	0	0	0	0	1	INTEROLOG
JC8.3	F28C6.7	0	0	0	0	0	1	INTEROLOG
JC8.3	Y37E3.8	0	0	0	0	0	1	INTEROLOG
JC8.3	ZK652.4	0	0	0	0	0	1	INTEROLOG
K01D12.4	C27H5.2	1	0	0	0	0	0	CORE_2
K01D12.4	C52E4.1	1	0	0	0	0	0	NON_CORE
K01D12.4	T21B6.3	1	0	0	0	0	0	CORE_2
K01G5.1	B0035.6	0	1	0	0	0	0	NON_CORE
K01G5.1	C03G6.3	0	1	0	0	0	0	NON_CORE
K01G5.1	C07E3.7	0	1	0	0	0	0	NON_CORE
K01G5.1	C08G9.2	0	1	0	0	0	0	NON_CORE
K01G5.1	C24H11.8	0	1	0	0	0	0	NON_CORE
K01G5.1	C32D5.12	0	1	0	0	0	0	NON_CORE
K01G5.1	C35E7.5	0	1	0	0	0	0	NON_CORE
K01G5.1	C42D8.8	1	0	0	0	0	0	NON_CORE
K01G5.1	F07A5.1	0	1	0	0	0	0	NON_CORE
K01G5.1	F11E6.5	1	0	0	0	0	0	NON_CORE
K01G5.1	F21A3.6	0	1	0	0	0	0	NON_CORE
K01G5.1	F40F4.3	1	0	0	0	0	0	NON_CORE
K01G5.1	F42E11.2	0	1	0	0	0	0	NON_CORE
K01G5.1	F46B6.7	0	1	0	0	0	0	NON_CORE
K01G5.1	F49E2.4	0	1	0	0	0	0	NON_CORE
K01G5.1	F52C9.8	1	0	0	0	0	0	NON_CORE
K01G5.1	F53F4.12	0	1	0	0	0	0	NON_CORE
K01G5.1	K09A11.3	0	1	0	0	0	0	NON_CORE
K01G5.1	K09C6.2	0	1	0	0	0	0	NON_CORE
K01G5.1	K12D12.1	0	1	0	0	0	0	NON_CORE
K01G5.1	M03B6.3	0	1	0	0	0	0	NON_CORE
K01G5.1	R11F4.1	0	1	0	0	0	0	NON_CORE
K01G5.1	R13.1	0	1	0	0	0	0	NON_CORE
K01G5.1	R13D7.7	0	1	0	0	0	0	NON_CORE
K01G5.1	R13H8.1	0	1	0	0	0	0	NON_CORE
K01G5.1	T01A4.2	0	1	0	0	0	0	NON_CORE
K01G5.1	T04F8.8	0	1	0	0	0	0	NON_CORE
K01G5.1	T08E11.4	1	0	0	0	0	0	CORE_2
K01G5.1	T27C4.4	0	1	0	0	0	0	NON_CORE
K01G5.1	Y38F1A.8	0	1	0	0	0	0	NON_CORE
K01G5.1	Y41E3.9	0	1	0	0	0	0	NON_CORE
K01G5.1	Y46H3A.1	0	1	0	0	0	0	NON_CORE
K01G5.1	Y47D7A.5	0	1	0	0	0	0	NON_CORE
K01G5.1	ZK1127.7	0	1	0	0	0	0	NON_CORE
K01G5.1	ZK354.4	0	1	0	0	0	0	NON_CORE
K01G5.2	C07G2.3	3	0	0	0	0	0	CORE_1
K01G5.2	C10H11.10	2	0	0	0	0	0	CORE_2
K01G5.2	Y55F3AM.13	5	0	0	0	0	0	CORE_1
K01G5.4	B0019.3	1	0	0	0	0	0	CORE_2
K01G5.4	B0222.6	1	0	0	0	0	0	NON_CORE
K01G5.4	B0280.5	1	0	0	0	0	0	NON_CORE
K01G5.4	B0393.1	2	0	0	0	0	0	CORE_2
K01G5.4	C04F6.1	1	0	0	0	0	0	NON_CORE
K01G5.4	C16A11.5	1	0	0	0	0	0	NON_CORE
K01G5.4	C36B1.12	2	0	0	0	0	0	CORE_2
K01G5.4	C39F7.4	1	0	0	0	0	0	NON_CORE
K01G5.4	C49H3.11	1	0	0	0	0	0	CORE_2
K01G5.4	C56E6.3	75	0	0	0	0	0	CORE_1

Table S5. WI5 interactions list

K01G5.4	D2005.4	1	0	0	0	0	0	CORE_2
K01G5.4	D2045.2	1	0	0	0	0	0	NON_CORE
K01G5.4	F10C5.2	1	0	0	0	0	0	CORE_2
K01G5.4	F26E4.8	1	0	0	0	0	0	CORE_2
K01G5.4	F40F11.1	1	0	0	0	0	0	NON_CORE
K01G5.4	F53G2.6	1	0	0	0	0	0	CORE_2
K01G5.4	F56G4.5	1	0	0	0	0	0	NON_CORE
K01G5.4	F59A2.1	106	0	0	0	0	0	CORE_1
K01G5.4	T04C12.6	3	0	0	0	0	0	NON_CORE
K01G5.4	T24F1.2	1	0	0	0	0	0	CORE_2
K01G5.4	W02G9.2	2	0	0	0	0	0	CORE_2
K01G5.4	Y24F12A.2	1	0	0	0	0	0	NON_CORE
K01G5.4	Y38A10A.5	2	0	0	0	0	0	CORE_2
K01G5.4	Y48G1A.5	0	0	0	0	0	1	INTEROLOG
K01G5.4	Y71F9AL.13	2	0	0	0	0	0	CORE_2
K01G5.4	ZK742.1	0	0	0	0	0	1	INTEROLOG
K01G5.5	Y54F10BM.2	0	0	0	0	0	1	INTEROLOG
K02A4.2	F13D12.7	0	0	0	0	1	0	LITERATURE
K02A4.2	F52A8.2	0	0	0	0	1	0	LITERATURE
K02F3.1	W06A7.3	1	0	0	0	0	0	SCAFFOLD
K03B8.9	T26H10.1	0	0	0	0	1	0	LITERATURE
K03E6.6	F56E10.2	0	0	0	0	0	1	INTEROLOG
K03E6.6	M03F4.2	0	0	0	0	0	1	INTEROLOG
K04C2.4	C36A4.8	1	0	0	0	0	0	SCAFFOLD
K04C2.4	F29B9.6	1	0	0	0	0	0	SCAFFOLD
K04C2.4	K12C11.2	1	0	0	0	0	0	SCAFFOLD
K04C2.4	Y54E2A.3	1	0	0	0	0	0	SCAFFOLD
K04G2.1	Y37E3.10	0	0	0	0	0	1	INTEROLOG
K04G7.10	C33H5.12	0	1	0	0	0	0	NON_CORE
K04G7.10	C50C3.6	0	0	0	0	0	1	INTEROLOG
K04G7.10	K09B11.9	0	1	0	0	0	0	NON_CORE
K04G7.10	W02G9.2	1	0	0	0	0	0	NON_CORE
K04G7.10	Y46G5A.4	0	0	0	0	0	1	INTEROLOG
K04G7.1	K04G7.1	1	0	0	0	0	0	NON_CORE
K05B2.4	T11B7.1	0	1	0	0	0	0	NON_CORE
K05C4.1	C15H11.7	0	0	0	0	0	1	INTEROLOG
K05C4.1	D1054.2	12	0	0	1	0	0	SCAFFOLD
K05C4.1	T08G5.5	1	0	0	0	0	0	SCAFFOLD
K05C4.1	T20F5.2	0	0	0	0	0	1	INTEROLOG
K05C4.1	W04D2.1	7	0	0	0	0	0	SCAFFOLD
K06A1.5	F28H7.8	1	0	0	0	0	0	NON_CORE
K06B4.11	C46F11.2	1	0	0	0	0	0	NON_CORE
K06B4.11	Y39B6A.1	9	0	0	0	0	0	NON_CORE
K06B4.11	Y82E9BR.3	1	0	0	0	0	0	NON_CORE
K06B4.11	ZK1193.1	2	0	0	0	0	0	NON_CORE
K06B4.1	C47E8.5	2	0	0	0	0	0	CORE_2
K06B4.1	D1037.3	1	0	0	0	0	0	CORE_2
K06H7.4	F30F8.3	7	0	0	0	0	0	CORE_1
K06H7.6	C14B9.7	3	0	0	0	0	0	NON_CORE
K06H7.6	C30C11.4	1	0	0	0	0	0	NON_CORE
K06H7.6	C38D4.6	11	0	0	0	0	0	CORE_1
K06H7.6	C39D10.7	1	0	0	0	0	0	NON_CORE
K06H7.6	F08B6.4	2	0	0	0	0	0	CORE_2
K06H7.6	F13B10.2	1	0	0	0	0	0	NON_CORE
K06H7.6	F35G12.9	3	0	0	0	0	0	CORE_1
K06H7.6	K10B3.8	1	0	0	0	0	0	NON_CORE
K07A1.12	M03C11.4	6	0	0	0	0	0	SCAFFOLD
K07A1.12	T27C4.4	1	0	0	0	0	0	SCAFFOLD
K07A1.12	ZK418.4	13	0	0	0	0	0	SCAFFOLD

Table S5. WI5 interactions list

K07A9.2	C38D4.6	2	0	0	0	0	0	CORE_2
K07A9.2	T21H3.3	0	0	0	0	0	1	INTEROLOG
K07C11.2	B0545.4	1	0	0	0	0	0	NON_CORE
K07C11.2	C05E11.3	1	0	0	0	0	0	NON_CORE
K07C11.2	C38D4.6	2	0	0	0	0	0	CORE_2
K07C11.2	C47G2.5	2	0	0	0	0	0	CORE_2
K07C11.2	F10A3.2	0	1	0	0	0	0	CORE_2
K07C11.2	F37A4.9	3	0	0	0	0	0	CORE_1
K07C11.2	R05F9.1	1	0	0	0	0	0	CORE_2
K07C11.2	T01C3.7	1	0	0	0	0	0	NON_CORE
K07C11.2	W02G9.2	2	0	0	0	0	0	CORE_2
K07C11.2	Y39G10AR.12	25	0	0	0	0	0	CORE_1
K07C11.2	Y39G10AR.13	0	0	0	0	1	0	LITERATURE
K07C11.4	C38D4.6	2	0	0	0	0	0	CORE_2
K07C11.4	F17C11.9	1	0	0	0	0	0	NON_CORE
K07C5.1	Y79H2A.6	0	0	0	0	0	1	INTEROLOG
K07C5.4	T01C3.7	0	0	0	0	0	1	INTEROLOG
K07C5.6	T28D9.10	0	0	0	0	0	1	INTEROLOG
K07D4.3	C09D4.5	1	0	0	0	0	0	SCAFFOLD
K07D4.3	C30C11.2	0	0	0	0	0	1	INTEROLOG
K07D4.3	F10G7.8	0	0	0	0	0	1	INTEROLOG
K07D4.3	F23F12.6	0	0	0	0	0	1	INTEROLOG
K07D4.3	F29G9.5	0	0	0	0	0	1	INTEROLOG
K07D4.3	F55A11.3	14	0	0	0	0	0	SCAFFOLD
K07D4.3	F57B9.10	0	0	0	0	0	1	INTEROLOG
K07D4.3	K07D4.3	1	0	0	0	0	0	SCAFFOLD
K07D4.3	K07H8.6	1	0	0	0	0	0	SCAFFOLD
K07D4.3	R12E2.3	146	0	0	1	0	0	SCAFFOLD
K07D4.3	W04D2.1	1	0	0	0	0	0	SCAFFOLD
K07D4.3	Y51A2D.17	1	0	0	0	0	0	SCAFFOLD
K07D4.3	ZC434.2	1	0	0	0	0	0	SCAFFOLD
K07D4.7	C18E3.9	1	0	0	0	0	0	NON_CORE
K07D4.7	F28F5.3	2	0	0	0	0	0	NON_CORE
K07H8.3	Y50D7A.4	0	0	0	0	0	1	INTEROLOG
K08A8.1	BE0003N10.3	6	0	0	0	0	0	CORE_1
K08A8.1	C33G3.6	5	0	0	0	0	0	CORE_1
K08A8.1	F11G11.11	1	0	0	0	0	0	NON_CORE
K08A8.1	F54A5.3	2	17	0	0	0	0	CORE_1
K08A8.1	W02G9.2	8	0	0	0	0	0	CORE_1
K08B12.5	K01G5.4	0	1	0	0	0	0	NON_CORE
K08B4.1	B0547.1	1	0	0	0	0	0	SCAFFOLD
K08B4.1	C05C10.5	11	0	0	0	0	0	NON_CORE
K08B4.1	C05C10.5	11	0	0	0	0	0	SCAFFOLD
K08B4.1	C06A6.2	7	4	0	0	0	0	CORE_1
K08B4.1	C06A6.2	7	4	0	0	0	0	SCAFFOLD
K08B4.1	C32A3.1	0	0	0	0	4	0	LITERATURE
K08B4.1	F02A9.6	1	0	0	0	2	0	LITERATURE
K08B4.1	F02A9.6	1	0	0	0	2	0	SCAFFOLD
K08B4.1	F25D1.5	3	14	0	0	0	0	CORE_1
K08B4.1	F26B1.3	8	0	0	0	0	0	CORE_1
K08B4.1	F32E10.4	5	0	0	0	0	0	CORE_1
K08B4.1	F38A3.1	1	0	0	0	0	0	SCAFFOLD
K08B4.1	K11D2.2	1	0	0	0	0	0	CORE_2
K08B4.1	M117.2	1	0	0	0	0	0	CORE_2
K08B4.1	R107.8	0	0	0	0	2	0	LITERATURE
K08B4.1	T05A10.1	2	0	0	0	0	0	CORE_2
K08B4.1	T22A3.3	20	0	0	0	0	0	CORE_1
K08B4.1	T27F2.1	0	0	0	0	2	0	LITERATURE
K08B4.1	Y11D7A.12	1	0	0	0	0	0	CORE_2

Table S5. WI5 interactions list

K08B4.1	Y39B6A.20	1	0	0	0	0	0	NON_CORE
K08D10.7	C39D10.7	2	0	0	0	0	0	CORE_2
K08D10.7	F37C4.5	1	0	0	0	0	0	CORE_2
K08D10.7	F41E6.11	1	0	0	0	0	0	NON_CORE
K08D10.7	F55A11.3	1	0	0	0	0	0	CORE_2
K08D10.7	R02F2.5	0	25	0	0	0	0	CORE_1
K08D10.7	Y79H2A.1	2	0	0	0	0	0	CORE_2
K08D10.7	ZK1055.7	0	1	0	0	0	0	CORE_2
K08D10.8	F22H10.3	0	2	0	0	0	0	CORE_2
K08D10.8	F37C4.5	0	1	0	0	0	0	CORE_2
K08D10.8	F59E12.5	1	0	0	0	0	0	NON_CORE
K08D10.8	R02F2.5	0	11	0	0	0	0	CORE_1
K08D12.1	C15H11.7	0	0	0	0	0	1	INTEROLOG
K08D12.1	T20F5.2	0	0	0	0	0	1	INTEROLOG
K08E3.5	K08E3.5	1	0	0	0	0	0	CORE_2
K08E3.6	B0024.14	0	1	0	0	0	0	NON_CORE
K08E3.6	F02H6.3	1	0	0	0	0	0	NON_CORE
K08E3.6	F48E3.8	1	0	0	0	0	0	NON_CORE
K08E3.6	K08E3.6	0	0	0	0	1	0	LITERATURE
K08E3.6	M03D4.1	0	0	0	0	4	0	LITERATURE
K08E3.7	B0250.1	1	0	0	0	0	0	CORE_2
K08E3.7	C36E8.5	1	0	0	0	0	0	NON_CORE
K08E3.7	F42C5.8	1	0	0	0	0	0	NON_CORE
K08E3.7	Y39B6A.1	7	0	0	0	0	0	NON_CORE
K08E3.7	Y39E4A.2	1	0	0	0	0	0	NON_CORE
K08E3.7	Y53H1A.2	1	0	0	0	0	0	CORE_2
K08F11.3	C03C10.3	1	0	0	0	0	0	CORE_2
K08F11.3	F52E4.1	1	0	0	0	0	0	CORE_2
K08F11.3	Y54E5A.4	2	0	0	0	0	0	CORE_2
K08F11.3	Y59A8A.3	1	0	0	0	0	0	CORE_2
K08F4.4	C07G2.3	1	0	0	0	0	0	NON_CORE
K08F4.4	C55A6.7	1	0	0	0	0	0	NON_CORE
K08F4.7	T18D3.7	0	1	0	0	0	0	NON_CORE
K08F8.2	M04G12.1	0	11	0	0	0	0	CORE_1
K08F8.2	T01G9.6	0	1	0	0	0	0	CORE_2
K08F8.2	Y49A3A.3	1	0	0	0	0	0	NON_CORE
K08H10.9	W05H7.3	0	0	0	0	0	1	INTEROLOG
K08H10.9	ZK1098.5	0	0	0	0	0	1	INTEROLOG
K08H2.6	C04F1.3	0	2	0	0	0	0	CORE_2
K08H2.6	F37D6.2	1	0	0	0	0	0	NON_CORE
K08H2.8	C05C8.8	0	1	0	0	0	0	NON_CORE
K08H2.8	C36F7.5	0	1	0	0	0	0	NON_CORE
K08H2.8	Y77E11A.2	1	0	0	0	0	0	CORE_2
K09B11.1	C15B12.6	1	0	0	0	0	0	CORE_2
K09B11.1	C38D4.6	1	0	0	0	0	0	CORE_2
K09B11.1	Y75B8A.1	2	0	0	0	0	0	CORE_2
K09B11.9	B0261.4	0	1	0	0	0	0	NON_CORE
K09B11.9	B0454.1	1	0	0	0	0	0	NON_CORE
K09B11.9	C05D2.5	3	0	0	0	0	0	CORE_1
K09B11.9	C06A8.5	1	0	0	0	0	0	CORE_2
K09B11.9	C06C3.1	3	0	0	0	0	0	CORE_1
K09B11.9	C06E7.4	3	1	0	0	0	0	CORE_1
K09B11.9	C09G1.4	0	1	0	0	0	0	CORE_2
K09B11.9	C16B8.3	0	2	0	0	0	0	CORE_2
K09B11.9	C27B7.4	0	35	0	0	0	0	CORE_1
K09B11.9	C44E4.3	0	1	0	0	0	0	NON_CORE
K09B11.9	D1046.1	22	19	0	0	0	0	CORE_1
K09B11.9	E01G4.3	0	1	0	0	0	0	NON_CORE
K09B11.9	F08B6.4	2	0	0	0	0	0	CORE_2

Table S5. WI5 interactions list

K09B11.9	F08F8.10	10	0	0	0	0	0	CORE_1
K09B11.9	F10E9.3	3	0	0	0	0	0	CORE_1
K09B11.9	F14F7.1	1	0	0	0	0	0	NON_CORE
K09B11.9	F17C11.1	1	0	0	0	0	0	NON_CORE
K09B11.9	F21F8.7	1	0	0	0	0	0	NON_CORE
K09B11.9	F23B12.5	1	0	0	0	0	0	NON_CORE
K09B11.9	F26D10.3	1	0	0	0	0	0	NON_CORE
K09B11.9	F29C12.1	1	0	0	0	0	0	CORE_2
K09B11.9	F31E3.5	3	0	0	0	0	0	NON_CORE
K09B11.9	F33H2.3	0	1	0	0	0	0	NON_CORE
K09B11.9	F42H10.7	3	0	0	0	0	0	CORE_1
K09B11.9	F44F4.11	1	0	0	0	0	0	NON_CORE
K09B11.9	F49H12.5	1	0	0	0	0	0	NON_CORE
K09B11.9	F52C6.2	1	23	0	0	0	0	CORE_1
K09B11.9	F52D10.3	2	0	0	0	0	0	CORE_2
K09B11.9	F53G12.10	1	0	0	0	0	0	NON_CORE
K09B11.9	F54G8.4	1	0	0	0	0	0	NON_CORE
K09B11.9	F54H12.6	1	0	0	0	0	0	NON_CORE
K09B11.9	F56A11.5	1	0	0	0	0	0	CORE_2
K09B11.9	F56D2.1	1	0	0	0	0	0	NON_CORE
K09B11.9	F59E12.9	1	0	0	0	0	0	CORE_2
K09B11.9	H28G03.2	8	0	0	0	0	0	CORE_1
K09B11.9	K09B11.9	3	0	0	0	0	0	CORE_1
K09B11.9	K10C2.4	1	0	0	0	0	0	NON_CORE
K09B11.9	LLC1.2	1	0	0	0	0	0	NON_CORE
K09B11.9	R01E6.3	1	0	0	0	0	0	NON_CORE
K09B11.9	R03A10.1	0	1	0	0	0	0	NON_CORE
K09B11.9	R90.3	0	1	0	0	0	0	NON_CORE
K09B11.9	T01B6.1	1	0	0	0	0	0	CORE_2
K09B11.9	T05A7.3	0	1	0	0	0	0	NON_CORE
K09B11.9	T05E11.8	0	1	0	0	0	0	NON_CORE
K09B11.9	T09A5.12	1	0	0	0	0	0	CORE_2
K09B11.9	T09A5.2	1	0	0	0	0	0	NON_CORE
K09B11.9	T09F5.10	0	1	0	0	0	0	CORE_2
K09B11.9	T22A3.3	12	0	0	0	0	0	CORE_1
K09B11.9	T22F3.4	1	0	0	0	0	0	NON_CORE
K09B11.9	T23G7.1	1	0	0	0	0	0	CORE_2
K09B11.9	T26H2.1	0	1	0	0	0	0	NON_CORE
K09B11.9	W06A7.2	0	1	0	0	0	0	NON_CORE
K09B11.9	W08E3.3	2	0	0	0	0	0	CORE_2
K09B11.9	Y106G6H.3	1	0	0	0	0	0	NON_CORE
K09B11.9	Y116F11B.12	0	1	0	0	0	0	NON_CORE
K09B11.9	Y24D9A.4	0	1	0	0	0	0	NON_CORE
K09B11.9	Y40H4A.2	0	1	0	0	0	0	NON_CORE
K09B11.9	Y43F8C.6	0	1	0	0	0	0	CORE_2
K09B11.9	Y47D7A.5	1	0	0	0	0	0	NON_CORE
K09B11.9	Y53H1A.1	1	3	0	0	0	0	CORE_1
K09B11.9	Y57A10A.18	1	0	0	0	0	0	CORE_2
K09B11.9	Y57G11C.15	1	0	0	0	0	0	NON_CORE
K09B11.9	Y63D3A.5	85	41	0	0	0	0	CORE_1
K09B11.9	Y71G12B.9	7	0	0	0	0	0	CORE_1
K09B11.9	Y80D3A.10	0	1	0	0	0	0	NON_CORE
K09B11.9	ZK1073.2	0	1	0	0	0	0	CORE_2
K09B11.9	ZK512.5	0	5	0	0	0	0	CORE_1
K09B11.9	ZK632.10	0	1	0	0	0	0	NON_CORE
K09B11.9	ZK813.3	1	0	0	0	0	0	NON_CORE
K09B11.9	ZK938.2	0	1	0	0	0	0	NON_CORE
K10C3.6	C05G6.1	0	2	0	0	0	0	CORE_2
K10C3.6	C06G3.1	4	0	0	0	0	0	CORE_1

Table S5. WI5 interactions list

K10C3.6	C27C7.4	0	3	0	0	0	0	CORE_1
K10C3.6	F54A5.1	1	0	0	0	0	0	NON_CORE
K10C3.6	F54D10.7	0	1	0	0	0	0	CORE_2
K10C3.6	H20J18.1	1	0	0	0	0	0	NON_CORE
K10C3.6	K06A1.4	1	1	0	0	0	0	CORE_2
K10C3.6	K10C3.6	1	0	0	0	0	0	NON_CORE
K10C3.6	K11E4.5	0	2	0	0	0	0	CORE_2
K10C3.6	R90.2	0	1	0	0	0	0	NON_CORE
K10C3.6	T09A12.4	6	0	0	0	0	0	CORE_1
K10C3.6	T26H2.9	3	32	0	0	0	0	CORE_1
K10C3.6	Y38E10A.18	0	1	0	0	0	0	CORE_2
K10C3.6	Y5H2B.2	4	12	0	0	0	0	CORE_1
K10C3.6	Y80D3A.4	0	1	0	0	0	0	NON_CORE
K10C3.6	ZK1037.5	0	1	0	0	0	0	CORE_2
K10C3.6	ZK697.2	0	2	0	0	0	0	CORE_2
K10F12.4	Y47D7A.13	1	0	0	0	0	0	NON_CORE
K10G6.1	Y82E9BR.13	2	0	0	0	0	0	SCAFFOLD
K11D12.2	T20B12.2	0	0	0	0	0	1	INTEROLOG
K11D12.2	Y111B2A.13	0	0	0	0	0	1	INTEROLOG
K11D2.2	T08G5.5	1	0	0	0	0	0	CORE_2
K11D2.3	C43E11.4	2	0	0	0	0	0	SCAFFOLD
K11D2.3	F23F12.9	7	0	0	0	0	0	SCAFFOLD
K11D2.3	F29G6.3	5	0	0	0	0	0	SCAFFOLD
K11D2.3	F35F10.12	1	0	0	0	0	0	SCAFFOLD
K11D2.3	R03C1.2	2	0	0	0	0	0	SCAFFOLD
K11D2.3	T05C12.6	1	0	0	0	0	0	SCAFFOLD
K11D2.3	Y71H2B.10	0	0	0	0	0	1	INTEROLOG
K11D2.3	Y71H2B.10	2	0	0	0	0	0	SCAFFOLD
K11D9.1	F32B6.5	4	0	0	0	0	0	CORE_1
K11D9.1	F38A3.2	1	0	0	0	0	0	NON_CORE
K11D9.1	M04G12.1	8	0	0	0	0	0	CORE_1
K11D9.1	T01G1.1	2	0	0	0	0	0	CORE_2
K11D9.1	T11B7.4	1	0	0	0	0	0	CORE_2
K11D9.1	W10D9.4	16	0	0	0	0	0	CORE_1
K11D9.1	Y37E11AR.2	1	0	0	0	0	0	CORE_2
K11D9.3	F36A2.9	1	0	0	0	0	0	NON_CORE
K11G12.2	F21F3.5	0	0	0	0	1	0	LITERATURE
K11G9.5	F59E12.11	0	1	0	0	0	0	NON_CORE
K12C11.2	F29B9.6	0	0	0	0	0	1	INTEROLOG
K12C11.2	F29B9.6	1	0	0	0	0	0	SCAFFOLD
K12C11.2	K04C2.4	1	0	0	0	0	0	SCAFFOLD
K12D12.1	B0205.7	0	0	0	0	0	1	INTEROLOG
K12H4.3	C15A11.4	1	0	0	0	0	0	NON_CORE
K12H6.7	Y37E3.11	4	0	0	0	0	0	CORE_1
LLC1.3	C04C3.3	0	0	0	0	0	1	INTEROLOG
LLC1.3	T05H10.6	0	0	0	0	0	1	INTEROLOG
LLC1.3	W02F12.5	0	0	0	0	0	1	INTEROLOG
M01A8.2	F22B5.7	0	0	0	0	0	1	INTEROLOG
M01A8.2	Y59A8B.7	0	0	0	0	0	1	INTEROLOG
M01B12.3	K07C5.1	0	0	0	0	0	1	INTEROLOG
M01D1.2	F13D12.4	1	0	0	0	0	0	NON_CORE
M01E11.2	B0222.7	0	1	0	0	0	0	NON_CORE
M01E11.2	C06A5.9	0	4	0	0	0	0	CORE_1
M01E11.2	C34C6.7	1	0	0	0	0	0	CORE_2
M01E11.2	M01E11.2	0	1	0	0	0	0	CORE_2
M01E11.6	F26G1.1	1	0	0	0	0	0	NON_CORE
M01E11.6	F58D5.1	1	0	0	0	0	0	NON_CORE
M01E11.6	K07E1.1	1	0	0	0	0	0	NON_CORE
M01E11.6	W07B8.5	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

M01E11.6	Y59A8B.9	2	0	0	0	0	0	CORE_2
M01E11.6	ZK1290.3	1	0	0	0	0	0	NON_CORE
M01E5.2	C28D4.3	0	27	0	0	0	0	CORE_1
M01E5.2	R06F6.8	1	0	0	0	0	0	CORE_2
M01F1.2	ZK652.4	0	0	0	0	0	1	INTEROLOG
M01F1.4	F02A9.3	1	0	0	0	0	0	CORE_2
M01F1.4	K02D7.3	3	0	0	0	0	0	NON_CORE
M01F1.4	Y23H5A.4	1	0	0	0	0	0	CORE_2
M01H9.2	ZK637.5	0	1	0	0	0	0	NON_CORE
M02A10.3	C31C9.2	1	0	0	0	0	0	NON_CORE
M02A10.3	C38D4.6	3	0	0	0	0	0	CORE_1
M02A10.3	F07D10.1	1	0	0	0	0	0	NON_CORE
M02A10.3	F23C8.4	2	0	0	0	0	0	CORE_2
M02A10.3	F52D10.3	1	0	0	0	0	0	NON_CORE
M02A10.3	F53G12.10	1	0	0	0	0	0	NON_CORE
M02A10.3	F56F12.1	1	0	0	0	0	0	CORE_2
M02A10.3	K07H8.6	1	0	0	0	0	0	NON_CORE
M02A10.3	M7.5	1	0	0	0	0	0	NON_CORE
M02A10.3	T23F6.4	1	0	0	0	0	0	NON_CORE
M02A10.3	W09H1.6	1	0	0	0	0	0	NON_CORE
M02A10.3	Y105E8B.5	7	3	0	0	0	0	CORE_1
M02A10.3	Y45F10D.13	5	0	0	0	0	0	SCAFFOLD
M02B7.3	C06G8.1	1	0	0	0	0	0	NON_CORE
M02B7.3	C15C6.4	1	0	0	0	0	0	NON_CORE
M02B7.3	D2023.4	1	0	0	0	0	0	NON_CORE
M03C11.4	K07A1.12	0	0	0	0	0	1	INTEROLOG
M03D4.1	B0207.4	0	0	0	0	4	0	LITERATURE
M03D4.1	C27A12.7	1	0	0	0	0	0	NON_CORE
M03D4.1	C32D5.9	2	0	0	0	0	0	NON_CORE
M03D4.1	F25B5.4	10	0	0	0	0	0	CORE_1
M03D4.1	F40F12.5	2	3	0	0	0	0	CORE_1
M03D4.1	H04D03.1	0	1	0	0	0	0	NON_CORE
M03D4.1	K08E3.6	0	0	0	0	4	0	LITERATURE
M03D4.1	K11D12.9	3	0	0	0	0	0	CORE_1
M03D4.1	M03D4.1	0	0	0	0	16	0	LITERATURE
M03D4.1	Y66H1B.2	1	0	0	0	0	0	NON_CORE
M03F4.2	F54D5.12	0	0	0	0	0	1	INTEROLOG
M03F4.2	Y104H12BR.1	0	0	0	0	0	1	INTEROLOG
M04B2.3	T07G12.6	0	0	14	0	0	0	SCAFFOLD
M04F3.1	C18A11.1	0	1	0	0	0	0	NON_CORE
M04F3.1	C33E10.10	0	1	0	0	0	0	NON_CORE
M04F3.1	F18A1.5	6	0	0	0	0	0	CORE_1
M04F3.1	F44G3.9	30	69	0	0	0	0	CORE_1
M04F3.1	T20G5.1	1	0	0	0	0	0	CORE_2
M04F3.1	Y62E10A.8	3	3	0	0	0	0	CORE_1
M106.1	F28B3.7	0	0	0	0	0	1	INTEROLOG
M110.4	F11A10.2	0	0	0	0	0	1	INTEROLOG
M110.4	Y106G6H.2	0	0	0	0	0	1	INTEROLOG
M142.1	B0350.2	1	0	0	0	0	0	CORE_2
M142.1	F19H8.3	0	15	0	0	0	0	CORE_1
M162.2	C32F10.6	0	1	0	0	0	0	NON_CORE
M162.5	R05G6.7	1	0	0	0	0	0	NON_CORE
M18.5	F52E4.1	30	0	0	0	0	0	CORE_1
M18.5	F54F2.5	0	1	0	0	0	0	CORE_2
M18.5	R11D1.1	0	1	0	0	0	0	CORE_2
M7.2	C10H11.10	1	0	0	0	0	0	CORE_2
M7.2	K07C5.1	1	0	0	0	0	0	NON_CORE
M7.2	R05D3.7	1	0	0	0	0	0	CORE_2
PAR2.1	C06G3.6	1	2	0	0	0	0	CORE_1

Table S5. WI5 interactions list

PAR2.1	K06A1.4	2	0	0	0	0	0	CORE_2
PAR2.1	T28C6.7	2	0	0	0	0	0	CORE_2
PAR2.1	W08G11.3	1	1	0	0	0	0	CORE_2
R01H10.3	C38C3.5	0	0	0	0	0	1	INTEROLOG
R02D3.5	F23B12.6	0	0	0	0	0	1	INTEROLOG
R02F11.1	C23F12.4	1	0	0	0	0	0	NON_CORE
R02F11.1	C30F12.1	1	0	0	0	0	0	CORE_2
R02F11.1	D2063.1	1	0	0	0	0	0	NON_CORE
R02F11.1	F10D7.5	1	0	0	0	0	0	NON_CORE
R02F11.1	F10E9.3	1	0	0	0	0	0	NON_CORE
R02F11.1	F21F8.3	1	0	0	0	0	0	NON_CORE
R02F11.1	F21F8.7	1	0	0	0	0	0	NON_CORE
R02F11.1	F31E3.5	2	0	0	0	0	0	NON_CORE
R02F11.1	F42E11.4	3	0	0	0	0	0	CORE_1
R02F11.1	F58G11.6	1	0	0	0	0	0	NON_CORE
R02F11.1	K11E8.1	1	0	0	0	0	0	NON_CORE
R02F11.1	R05F9.10	2	0	0	0	0	0	CORE_2
R02F11.1	T19A5.3	1	0	0	0	0	0	NON_CORE
R02F11.1	T20B3.2	2	0	0	0	0	0	CORE_2
R02F11.1	W03F8.1	2	0	0	0	0	0	CORE_2
R02F11.1	Y39B6A.1	5	0	0	0	0	0	NON_CORE
R02F11.1	Y47D9A.1	1	0	0	0	0	0	NON_CORE
R02F11.1	Y61A9LA.11	1	0	0	0	0	0	NON_CORE
R02F11.1	ZK721.2	8	0	0	0	0	0	CORE_1
R03G5.2	C38D4.6	15	0	0	0	0	0	CORE_1
R03G5.2	C48D5.1	1	0	0	0	0	0	CORE_2
R03G5.2	DY3.6	1	0	0	0	0	0	NON_CORE
R03G5.2	F01F1.6	1	0	0	0	0	0	NON_CORE
R03G5.2	F25H2.9	1	0	0	0	0	0	NON_CORE
R03G5.2	H13N06.5	1	0	0	0	0	0	NON_CORE
R03G5.2	T23H2.2	3	0	0	0	0	0	CORE_1
R03G5.2	Y105C5B.28	1	0	0	0	0	0	NON_CORE
R03G5.2	ZK1098.4	11	3	0	0	0	0	CORE_1
R05G6.10	F39C12.2	0	1	0	0	0	0	NON_CORE
R05G6.10	T04D1.3	0	1	0	0	0	0	NON_CORE
R05G6.10	ZK1248.3	0	1	0	0	0	0	NON_CORE
R05H5.3	R05F9.10	1	0	0	0	0	0	NON_CORE
R05H5.3	Y11D7A.12	2	0	0	0	0	0	CORE_2
R06A4.9	F28C6.6	0	0	0	0	0	1	INTEROLOG
R06A4.9	F32D1.9	0	0	0	0	0	1	INTEROLOG
R06A4.9	Y32F6A.3	0	0	0	0	0	1	INTEROLOG
R06A4.9	Y67H2A.1	0	0	0	0	0	1	INTEROLOG
R06A4.9	Y76B12C.7	0	0	0	0	0	1	INTEROLOG
R06B10.4	C06A6.2	1	0	0	0	0	0	NON_CORE
R06B10.4	F38H4.9	3	0	0	0	0	0	CORE_1
R06B10.4	K02F2.2	0	1	0	0	0	0	NON_CORE
R06B10.4	T08G5.5	1	0	0	0	0	0	CORE_2
R06B10.4	T20G5.1	2	0	0	0	0	0	CORE_2
R06B10.4	W04D2.1	1	0	0	0	0	0	NON_CORE
R06B10.4	Y59A8B.22	1	0	0	0	0	0	CORE_2
R06B10.4	Y77E11A.7	1	0	0	0	0	0	NON_CORE
R06B9.1	F15C11.2	14	0	0	0	0	0	CORE_1
R06B9.1	F25H5.6	1	0	0	0	0	0	NON_CORE
R06B9.1	R10E12.1	0	1	0	0	0	0	NON_CORE
R06B9.1	T04C10.2	16	0	0	0	0	0	CORE_1
R06B9.1	Y47H9C.5	1	0	0	0	0	0	NON_CORE
R06B9.3	B0379.4	1	0	0	0	0	0	NON_CORE
R06B9.3	C18B2.5	1	0	0	0	0	0	NON_CORE
R06B9.3	C39D10.7	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

R06B9.3	F07A11.3	1	0	0	0	0	0	NON_CORE
R06B9.3	F32E10.4	2	0	0	0	0	0	CORE_2
R06B9.3	F35F10.12	1	0	0	0	0	0	CORE_2
R06B9.3	R06B9.3	2	0	0	0	0	0	CORE_2
R06B9.3	T12E12.4	0	0	2	0	0	0	SCAFFOLD
R06B9.3	T22A3.3	2	0	0	0	0	0	CORE_2
R06B9.3	Y42H9AR.1	1	0	0	0	0	0	CORE_2
R06B9.3	ZK1098.4	2	0	0	0	0	0	CORE_2
R06B9.3	ZK20.3	1	0	0	0	0	0	NON_CORE
R06C1.1	C14B1.1	1	0	0	0	0	0	SCAFFOLD
R06C1.1	C34H4.2	1	0	0	0	0	0	SCAFFOLD
R06C1.1	H26D21.1	1	0	0	0	0	0	SCAFFOLD
R06F6.2	W06B4.3	0	0	0	0	0	1	INTEROLOG
R07B1.4	F49E2.2	1	0	0	0	0	0	CORE_2
R07B1.4	Y42H9AR.1	1	0	0	0	0	0	NON_CORE
R07B7.2	F41H10.10	0	0	16	0	0	0	SCAFFOLD
R07B7.2	R07B7.2	0	0	2	0	0	0	SCAFFOLD
R07E4.6	C14B1.8	10	0	0	0	0	0	CORE_1
R07E4.6	C18B2.5	15	0	0	0	0	0	CORE_1
R07E4.6	C34B2.2	5	0	0	0	0	0	CORE_1
R07E4.6	C56E10.4	1	0	0	0	0	0	NON_CORE
R07E4.6	D1022.7	0	0	0	0	12	0	LITERATURE
R07E4.6	F01G4.6	1	0	0	0	0	0	NON_CORE
R07E4.6	F38E9.1	2	0	0	0	0	0	CORE_2
R07E4.6	K12G11.3	7	0	0	0	0	0	CORE_1
R07E4.6	M142.5	1	0	0	0	0	0	NON_CORE
R07E4.6	R07E4.6	0	0	0	0	4	0	LITERATURE
R07E4.6	T04F3.1	1	0	0	0	0	0	NON_CORE
R07E4.6	W06A7.3	1	0	0	0	0	0	NON_CORE
R07E4.6	Y102A11A.2	3	0	0	0	0	0	CORE_1
R07E4.6	Y102A11A.3	12	0	0	0	0	0	CORE_1
R07E4.6	Y40D12A.2	1	0	0	0	0	0	NON_CORE
R07E4.6	Y59A8B.9	1	0	0	0	0	0	NON_CORE
R07E4.6	Y69H2.7	2	0	0	0	0	0	CORE_2
R07E4.6	ZK662.3	2	0	0	0	0	0	CORE_2
R07E4.6	ZK909.2	1	0	0	0	0	0	NON_CORE
R07E5.8	C47E8.5	1	0	0	0	0	0	SCAFFOLD
R07E5.8	F59A2.5	1	0	0	0	0	0	SCAFFOLD
R07E5.8	K05G3.3	1	0	0	0	0	0	SCAFFOLD
R07E5.8	Y47D3A.4	1	0	0	0	0	0	SCAFFOLD
R07G3.1	C09B8.7	0	0	0	0	0	1	INTEROLOG
R07G3.1	C35B8.2	0	0	0	0	0	1	INTEROLOG
R07G3.1	F46H6.1	0	0	0	0	0	1	INTEROLOG
R07G3.8	C11E4.6	4	1	0	0	0	0	CORE_1
R07G3.8	Y43F11A.6	0	1	0	0	0	0	NON_CORE
R07G3.8	Y48G10A.3	0	1	0	0	0	0	NON_CORE
R08D7.3	F42A10.5	2	0	0	0	0	0	CORE_2
R08D7.3	H06I04.1	1	0	0	0	0	0	NON_CORE
R08D7.3	K04G2.10	2	0	0	0	0	0	CORE_2
R08D7.3	K09B11.9	0	1	0	0	0	0	CORE_2
R08D7.3	T03E6.7	1	0	0	0	0	0	NON_CORE
R08D7.3	T11B7.4	0	3	0	0	0	0	CORE_1
R08D7.3	Y57G11C.24	1	0	0	0	0	0	NON_CORE
R08D7.3	Y82E9BR.13	3	0	0	0	0	0	CORE_1
R08D7.3	ZK930.3	1	0	0	0	0	0	CORE_2
R09B3.1	F33H2.6	1	0	0	0	0	0	SCAFFOLD
R09B3.1	F57F5.1	1	0	0	0	0	0	SCAFFOLD
R09B3.5	R07E5.14	6	14	0	0	0	0	CORE_1
R09B5.5	B0272.4	1	0	0	0	0	0	CORE_2

Table S5. WI5 interactions list

R09B5.5	C03A7.14	5	0	0	0	0	0	NON_CORE
R09B5.5	C03A7.4	1	0	0	0	0	0	NON_CORE
R09B5.5	C05C10.3	1	0	0	0	0	0	NON_CORE
R09B5.5	C06E7.4	2	0	0	0	0	0	NON_CORE
R09B5.5	C09G1.4	1	0	0	0	0	0	NON_CORE
R09B5.5	C17G10.5	3	0	0	0	0	0	CORE_1
R09B5.5	C34C12.5	3	0	0	0	0	0	CORE_1
R09B5.5	C39D10.7	1	0	0	0	0	0	NON_CORE
R09B5.5	F09F7.5	4	0	0	0	0	0	CORE_1
R09B5.5	F21F8.3	1	0	0	0	0	0	NON_CORE
R09B5.5	F26F4.2	1	0	0	0	0	0	CORE_2
R09B5.5	F31E3.5	1	0	0	0	0	0	NON_CORE
R09B5.5	F46E10.10	1	0	0	0	0	0	NON_CORE
R09B5.5	F46F11.7	1	0	0	0	0	0	NON_CORE
R09B5.5	F49E2.2	1	0	0	0	0	0	CORE_2
R09B5.5	F52C6.2	3	0	0	0	0	0	CORE_1
R09B5.5	F53B3.3	1	0	0	0	0	0	CORE_2
R09B5.5	F53G12.10	1	0	0	0	0	0	CORE_2
R09B5.5	F54B11.7	2	0	0	0	0	0	CORE_2
R09B5.5	F54C9.5	1	0	0	0	0	0	NON_CORE
R09B5.5	F57G12.2	2	0	0	0	0	0	NON_CORE
R09B5.5	K07H8.6	1	0	0	0	0	0	NON_CORE
R09B5.5	M01E11.7	1	0	0	0	0	0	CORE_2
R09B5.5	M02G9.1	1	0	0	0	0	0	CORE_2
R09B5.5	R01H2.6	1	0	0	0	0	0	NON_CORE
R09B5.5	R05F9.10	18	0	0	0	0	0	CORE_1
R09B5.5	R09B5.5	1	0	0	0	0	0	CORE_2
R09B5.5	R09F10.7	1	0	0	0	0	0	CORE_2
R09B5.5	T05E11.1	1	0	0	0	0	0	CORE_2
R09B5.5	T07E3.5	1	0	0	0	0	0	NON_CORE
R09B5.5	T09E8.1	1	0	0	0	0	0	NON_CORE
R09B5.5	T11B7.1	4	0	0	0	0	0	CORE_1
R09B5.5	T27E9.1	1	0	0	0	0	0	NON_CORE
R09B5.5	W02G9.2	2	0	0	0	0	0	CORE_2
R09B5.5	W09H1.6	1	0	0	0	0	0	CORE_2
R09B5.5	Y22F5A.4	2	0	0	0	0	0	CORE_2
R09B5.5	Y39B6A.1	53	0	0	0	0	0	CORE_1
R09B5.5	Y41C4A.14	1	0	0	0	0	0	CORE_2
R09B5.5	Y43F8C.14	1	0	0	0	0	0	NON_CORE
R09B5.5	Y53C12B.3	1	0	0	0	0	0	NON_CORE
R09B5.5	Y65B4BR.4	1	0	0	0	0	0	NON_CORE
R09B5.5	Y71F9AL.13	1	0	0	0	0	0	CORE_2
R09B5.5	ZK512.5	1	0	0	0	0	0	NON_CORE
R09B5.5	ZK637.5	1	0	0	0	0	0	CORE_2
R09B5.5	ZK792.4	1	0	0	0	0	0	CORE_2
R09B5.6	W02G9.2	2	0	0	0	0	0	CORE_2
R09B5.6	ZK1307.8	3	0	0	0	0	0	CORE_1
R09H10.3	R09H10.3	0	5	0	0	0	0	CORE_1
R107.7	T28A11.11	0	4	0	0	0	0	CORE_1
R107.8	F55B12.3	0	0	0	1	0	0	SCAFFOLD
R10E11.2	F31E3.5	2	0	0	0	0	0	NON_CORE
R10E11.2	F53G12.10	1	0	0	0	0	0	NON_CORE
R10E11.2	R13A5.8	1	0	0	0	0	0	NON_CORE
R10E11.2	T28C6.6	1	0	0	0	0	0	NON_CORE
R10E11.2	ZK1058.2	1	0	0	0	0	0	NON_CORE
R10E4.4	C25D7.6	0	0	0	0	0	1	INTEROLOG
R10E4.4	ZK632.1	0	0	0	0	0	1	INTEROLOG
R11A5.2	ZK1055.1	0	0	3	0	0	0	SCAFFOLD
R11A8.2	T11B7.1	0	2	0	0	0	0	CORE_2

Table S5. WI5 interactions list

R11D1.8	C06A5.9	0	3	0	0	0	0	CORE_1
R11D1.8	F11A5.13	0	1	0	0	0	0	NON_CORE
R11G11.7	B0041.4	1	0	0	0	0	0	NON_CORE
R11G11.7	F01G4.6	1	0	0	0	0	0	NON_CORE
R11G11.7	F26F4.11	1	0	0	0	0	0	NON_CORE
R11G11.7	F32D8.4	1	0	0	0	0	0	NON_CORE
R11G11.7	K10B3.7	1	0	0	0	0	0	NON_CORE
R11G11.7	R05F9.10	14	8	0	0	0	0	CORE_1
R11G1.3	C38D4.6	1	0	0	0	0	0	CORE_2
R12B2.1	B0281.5	1	0	0	0	0	0	NON_CORE
R12B2.1	B0350.2	1	0	0	0	0	0	NON_CORE
R12B2.1	C04H5.6	1	0	0	0	0	0	NON_CORE
R12B2.1	C06E7.4	1	0	0	0	0	0	CORE_2
R12B2.1	C25F6.3	1	0	0	0	0	0	NON_CORE
R12B2.1	C25H3.8	1	0	0	0	0	0	NON_CORE
R12B2.1	C39D10.7	1	0	0	0	0	0	CORE_2
R12B2.1	C47E8.5	3	0	0	0	0	0	CORE_1
R12B2.1	C49H3.11	2	0	0	0	0	0	CORE_2
R12B2.1	C50F2.5	1	0	0	0	0	0	CORE_2
R12B2.1	C54G7.4	1	0	0	0	0	0	NON_CORE
R12B2.1	D1037.4	1	0	0	0	0	0	NON_CORE
R12B2.1	F20C5.6	1	0	0	0	0	0	NON_CORE
R12B2.1	F23H12.4	1	0	0	0	0	0	NON_CORE
R12B2.1	F26F12.1	1	0	0	0	0	0	CORE_2
R12B2.1	F58G1.3	1	0	0	0	0	0	CORE_2
R12B2.1	H06O01.1	1	0	0	0	0	0	NON_CORE
R12B2.1	K02B9.4	1	0	0	0	0	0	NON_CORE
R12B2.1	K04D7.1	1	0	0	0	0	0	NON_CORE
R12B2.1	R74.5	2	0	0	0	0	0	CORE_2
R12B2.1	T02E9.2	1	0	0	0	0	0	NON_CORE
R12B2.1	T05H10.3	2	0	0	0	0	0	CORE_2
R12B2.1	T05H10.4	1	0	0	0	0	0	NON_CORE
R12B2.1	T09F3.3	1	0	0	0	0	0	NON_CORE
R12B2.1	T15B7.3	1	0	0	0	0	0	NON_CORE
R12B2.1	W03G11.1	1	0	0	0	0	0	NON_CORE
R12B2.1	W08D2.4	1	0	0	0	0	0	CORE_2
R12B2.1	Y39B6A.20	1	0	0	0	0	0	NON_CORE
R12B2.1	Y46C8AL.1	1	0	0	0	0	0	CORE_2
R12B2.1	Y47G6A.12	1	0	0	0	0	0	CORE_2
R12B2.1	Y48E1B.3	2	0	0	0	0	0	CORE_2
R12B2.1	Y77E11A.15	1	0	0	0	0	0	NON_CORE
R12B2.1	Y79H2A.1	28	0	0	0	0	0	CORE_1
R12B2.4	C32D5.11	1	0	0	0	0	0	NON_CORE
R12B2.4	C38D4.6	1	0	0	0	0	0	CORE_2
R12B2.4	F20G4.1	1	0	0	0	0	0	NON_CORE
R12B2.4	F23H11.3	1	0	0	0	0	0	NON_CORE
R12B2.4	T01D1.2	1	0	0	0	0	0	NON_CORE
R12B2.4	W01B6.9	1	0	0	0	0	0	CORE_2
R12B2.4	Y34B4A.6	1	0	0	0	0	0	NON_CORE
R12C12.1	D1025.2	0	0	0	0	0	1	INTEROLOG
R12E2.3	B0205.3	0	0	0	0	0	1	INTEROLOG
R12E2.3	C52E4.4	0	0	0	0	0	1	INTEROLOG
R12E2.3	F10G7.8	0	0	0	0	0	1	INTEROLOG
R12E2.3	F23F12.6	0	0	0	0	0	1	INTEROLOG
R12E2.3	F57B9.10	0	0	0	0	0	1	INTEROLOG
R12E2.3	K07D4.3	0	0	0	0	0	1	INTEROLOG
R12E2.3	K07D4.3	28	0	0	0	0	0	SCAFFOLD
R12E2.3	T06D8.8	0	0	0	0	0	1	INTEROLOG
R12E2.3	T06D8.8	14	0	0	0	0	0	SCAFFOLD

Table S5. WI5 interactions list

R12E2.3	ZK20.5	0	0	0	0	0	1	INTEROLOG
R13A5.1	F53G12.8	0	1	0	0	0	0	NON_CORE
R13A5.1	T28C6.7	1	0	0	0	0	0	CORE_2
R13A5.4	C07A12.3	0	1	0	0	0	0	NON_CORE
R13A5.8	B0250.1	0	0	0	0	0	1	INTEROLOG
R13A5.8	C54D1.2	0	1	0	0	0	0	NON_CORE
R13A5.8	F13B10.2	0	0	0	0	0	1	INTEROLOG
R13A5.8	F28C6.7	0	0	0	0	0	1	INTEROLOG
R13A5.8	F39H12.1	0	2	0	0	0	0	CORE_2
R13A5.8	F52B5.6	0	0	0	0	0	1	INTEROLOG
R13A5.8	F54C9.5	0	0	0	0	0	1	INTEROLOG
R13A5.8	T24B8.1	0	0	0	0	0	1	INTEROLOG
R13A5.8	Y37E3.8	0	0	0	0	0	1	INTEROLOG
R13A5.8	ZK652.4	0	0	0	0	0	1	INTEROLOG
R13F6.9	C15C8.1	0	1	0	0	0	0	NON_CORE
R13F6.9	C17E4.10	3	0	0	0	0	0	CORE_1
R13F6.9	C38D4.6	6	0	0	0	0	0	CORE_1
R13F6.9	D2096.8	1	0	0	0	0	0	NON_CORE
R13F6.9	F01F1.12	1	0	0	0	0	0	NON_CORE
R13F6.9	F25E2.5	4	0	0	0	0	0	CORE_1
R13F6.9	F43E2.7	1	0	0	0	0	0	NON_CORE
R13F6.9	K09B11.9	0	1	0	0	0	0	NON_CORE
R13F6.9	R05F9.1	1	0	0	0	0	0	CORE_2
R13F6.9	T05H10.6	1	0	0	0	0	0	NON_CORE
R13F6.9	W02G9.2	7	0	0	0	0	0	CORE_1
R13F6.9	Y116A8C.12	1	0	0	0	0	0	NON_CORE
R13F6.9	Y41D4B.19	1	0	0	0	0	0	CORE_2
R13F6.9	ZK1055.7	0	5	0	0	0	0	CORE_1
R144.1	C38D4.6	1	0	0	0	0	0	CORE_2
R144.1	Y54G11A.13	1	0	0	0	0	0	NON_CORE
R151.3	F32D8.12	1	0	0	0	0	0	NON_CORE
R151.3	F54D8.3	1	0	0	0	0	0	NON_CORE
R151.3	T07C4.1	1	0	0	0	0	0	NON_CORE
R151.3	Y62E10A.2	1	0	0	0	0	0	NON_CORE
R151.9	F21C3.5	0	0	0	0	0	1	INTEROLOG
R151.9	F58A4.8	0	0	0	0	0	1	INTEROLOG
R151.9	H20J04.5	0	0	0	0	0	1	INTEROLOG
R151.9	T06G6.9	0	0	0	0	0	1	INTEROLOG
R166.2	T07C4.1	6	0	0	0	0	0	CORE_1
R166.2	T08G5.5	1	0	0	0	0	0	NON_CORE
R166.2	Y48G9A.7	0	1	0	0	0	0	NON_CORE
R53.5	W02G9.2	1	0	0	0	0	0	CORE_2
T01B10.4	ZK287.8	0	1	0	0	0	0	NON_CORE
T01B11.2	R05F9.10	1	0	0	0	0	0	NON_CORE
T01B11.3	K11E8.1	0	19	0	0	0	0	CORE_1
T01B7.5	F54D10.7	0	0	1	0	0	0	SCAFFOLD
T01B7.8	B0024.14	0	10	0	0	0	0	CORE_1
T01B7.8	T21B6.3	4	0	0	0	0	0	CORE_1
T01B7.8	T22E5.5	1	0	0	0	0	0	NON_CORE
T01B7.8	Y39B6A.1	24	0	0	0	0	0	NON_CORE
T01B7.8	Y47G6A.8	1	0	0	0	0	0	NON_CORE
T01B7.8	Y69H2.3	1	0	0	0	0	0	NON_CORE
T01C3.7	H06I04.3	0	0	0	0	0	1	INTEROLOG
T01C8.1	C32F10.6	0	1	0	0	0	0	CORE_2
T01C8.1	C48D5.1	0	1	0	0	0	0	NON_CORE
T01C8.1	C54D10.3	0	1	0	0	0	0	NON_CORE
T01C8.1	C56C10.8	0	10	0	0	0	0	CORE_1
T01C8.1	F49E8.7	0	3	0	0	0	0	CORE_1
T01C8.1	F54B11.7	0	1	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

T01C8.1	F58E6.10	0	1	0	0	0	0	CORE_2
T01C8.1	Y65B4BR.5	0	3	0	0	0	0	CORE_1
T01D1.6	AC3.3	2	0	0	0	0	0	NON_CORE
T01D1.6	B0336.5	1	0	0	0	0	0	CORE_2
T01D1.6	C03A7.14	15	0	0	0	0	0	CORE_1
T01D1.6	C03A7.4	3	0	0	0	0	0	CORE_1
T01D1.6	C04C3.3	1	0	0	0	0	0	NON_CORE
T01D1.6	C17G10.5	1	0	0	0	0	0	CORE_2
T01D1.6	C27H6.2	1	0	0	0	0	0	CORE_2
T01D1.6	C37C3.6	2	0	0	0	0	0	NON_CORE
T01D1.6	F02A9.3	1	0	0	0	0	0	NON_CORE
T01D1.6	F25H2.5	1	0	0	0	0	0	NON_CORE
T01D1.6	F29G6.3	5	0	0	0	0	0	CORE_1
T01D1.6	F40F8.10	1	0	0	0	0	0	NON_CORE
T01D1.6	F45B8.3	1	0	0	0	0	0	CORE_2
T01D1.6	K02D3.2	1	0	0	0	0	0	CORE_2
T01D1.6	K08F4.2	1	0	0	0	0	0	CORE_2
T01D1.6	M02G9.1	1	0	0	0	0	0	CORE_2
T01D1.6	R09B5.5	1	0	0	0	0	0	CORE_2
T01D1.6	T01D1.6	1	0	0	0	0	0	CORE_2
T01D1.6	T02E1.3	0	1	0	0	0	0	CORE_2
T01D1.6	T05B4.3	1	0	0	0	0	0	NON_CORE
T01D1.6	T22F7.5	1	0	0	0	0	0	NON_CORE
T01D1.6	T23F1.6	1	0	0	0	0	0	CORE_2
T01D1.6	T25F10.6	1	0	0	0	0	0	CORE_2
T01D1.6	W03G1.5	2	0	0	0	0	0	CORE_2
T01D1.6	Y22F5A.4	5	0	0	0	0	0	CORE_1
T01D1.6	Y39B6A.1	45	0	0	0	0	0	CORE_1
T01D1.6	Y43B11AR.4	1	0	0	0	0	0	CORE_2
T01D1.6	Y48B6A.2	1	0	0	0	0	0	NON_CORE
T01D1.6	Y69H2.3	1	0	0	0	0	0	CORE_2
T01D1.6	Y75B12B.2	1	0	0	0	0	0	NON_CORE
T01D1.6	Y77E11A.15	1	0	0	0	0	0	CORE_2
T01D1.6	Y87G2A.8	1	0	0	0	0	0	CORE_2
T01E8.6	E02A10.1	0	0	0	0	0	1	INTEROLOG
T01G1.1	B0222.8	0	1	0	0	0	0	NON_CORE
T01G1.1	T06F4.1	0	1	0	0	0	0	NON_CORE
T01G9.2	D2063.1	0	20	0	0	0	0	CORE_1
T01G9.2	F10E9.3	34	0	0	0	0	0	CORE_1
T01G9.2	F20C5.6	0	8	0	0	0	0	CORE_1
T01G9.2	F29C12.4	1	0	0	0	0	0	NON_CORE
T01G9.2	F29D10.4	1	0	0	0	0	0	NON_CORE
T01G9.2	F35C5.6	1	0	0	0	0	0	NON_CORE
T01G9.2	F41C3.5	1	0	0	0	0	0	NON_CORE
T01G9.2	F56C9.10	2	0	0	0	0	0	CORE_2
T01G9.2	ZK1098.4	0	2	0	0	0	0	CORE_2
T01G9.5	B0041.4	1	0	0	0	0	0	CORE_2
T01G9.5	C06G8.4	0	1	0	0	0	0	NON_CORE
T01G9.5	F47G4.4	15	0	0	0	0	0	CORE_1
T01G9.5	F57B10.12	25	1	0	0	2	0	CORE_1
T01G9.5	F57B10.12	25	1	0	0	2	0	LITERATURE
T01G9.5	T01G9.5	1	0	0	0	0	0	CORE_2
T01G9.5	T10F2.1	1	0	0	0	0	0	NON_CORE
T01G9.5	Y45F10D.12	1	0	0	0	0	0	NON_CORE
T01G9.5	Y48G8AL.8	1	0	0	0	0	0	NON_CORE
T01G9.5	ZK858.4	7	0	0	0	0	0	CORE_1
T01G9.6	B0205.7	0	0	0	0	0	1	INTEROLOG
T01G9.6	K12D12.1	0	0	0	0	0	1	INTEROLOG
T01H3.1	C17H12.14	0	0	0	0	0	1	INTEROLOG

Table S5. WI5 interactions list

T01H3.1	C30F8.2	0	0	0	0	0	1	INTEROLOG
T01H3.1	F20B6.2	0	0	0	0	0	1	INTEROLOG
T01H3.1	ZK970.4	0	0	0	0	0	1	INTEROLOG
T03E6.7	C47E12.5	1	0	0	0	0	0	NON_CORE
T03E6.7	K12H4.8	0	1	0	0	0	0	NON_CORE
T03F6.1	C04C3.3	1	0	0	0	0	0	NON_CORE
T03G11.6	D2092.1	2	0	0	0	0	0	CORE_2
T03G11.6	F17E9.5	3	1	0	0	0	0	CORE_1
T03G11.6	F20D1.1	1	0	0	0	0	0	CORE_2
T03G11.6	F46E10.9	1	0	0	0	0	0	CORE_2
T04A11.6	F46F2.2	1	0	0	0	0	0	SCAFFOLD
T04A11.6	K12D12.1	1	0	0	0	0	0	SCAFFOLD
T04A11.6	T06E4.3	1	0	0	0	0	0	SCAFFOLD
T04A11.6	W03D2.3	1	0	0	0	0	0	SCAFFOLD
T04A11.6	Y56A3A.27	0	0	0	0	0	1	INTEROLOG
T04A8.11	C38D4.6	1	0	0	0	0	0	CORE_2
T04C12.6	T04C12.6	1	0	0	0	0	0	SCAFFOLD
T04C12.6	T25C8.2	1	0	0	0	0	0	SCAFFOLD
T04H1.2	B0336.10	1	0	0	0	0	0	NON_CORE
T04H1.2	B0464.5	0	1	0	0	0	0	CORE_2
T04H1.2	C03C10.4	0	2	0	0	0	0	CORE_2
T04H1.2	C06A5.9	0	27	0	0	0	0	CORE_1
T04H1.2	C06A6.2	1	0	0	0	0	0	CORE_2
T04H1.2	C06E7.4	3	0	0	0	0	0	CORE_1
T04H1.2	C06G3.6	4	12	0	0	0	0	CORE_1
T04H1.2	C12D8.9	0	1	0	0	0	0	NON_CORE
T04H1.2	C13F10.7	1	8	0	0	0	0	CORE_1
T04H1.2	C16B8.3	0	1	0	0	0	0	CORE_2
T04H1.2	C27A12.2	1	0	0	0	0	0	CORE_2
T04H1.2	C27A2.6	1	0	0	0	0	0	NON_CORE
T04H1.2	C30B5.4	1	0	0	0	0	0	CORE_2
T04H1.2	C31H1.6	0	2	0	0	0	0	CORE_2
T04H1.2	C34E11.3	1	0	0	0	0	0	CORE_2
T04H1.2	C34F11.9	3	0	0	0	0	0	CORE_1
T04H1.2	C39E9.11	0	1	0	0	0	0	CORE_2
T04H1.2	C43E11.6	1	0	0	0	0	0	NON_CORE
T04H1.2	C47E8.4	1	0	0	0	0	0	CORE_2
T04H1.2	C52B11.2	14	18	0	0	0	0	CORE_1
T04H1.2	D1005.3	1	0	0	0	0	0	CORE_2
T04H1.2	D1054.13	0	2	0	0	0	0	CORE_2
T04H1.2	D2045.8	0	1	0	0	0	0	CORE_2
T04H1.2	F07A5.7	1	0	0	0	0	0	NON_CORE
T04H1.2	F08F8.10	4	0	0	0	0	0	CORE_1
T04H1.2	F10E9.3	25	0	0	0	0	0	CORE_1
T04H1.2	F13B10.2	1	0	0	0	0	0	NON_CORE
T04H1.2	F14F9.4	0	3	0	0	0	0	CORE_1
T04H1.2	F23H11.5	1	0	0	0	0	0	NON_CORE
T04H1.2	F23H12.5	1	0	0	0	0	0	CORE_2
T04H1.2	F26G5.9	1	0	0	0	0	0	CORE_2
T04H1.2	F31E3.5	1	0	0	0	0	0	NON_CORE
T04H1.2	F32D1.1	1	0	0	0	0	0	CORE_2
T04H1.2	F33A8.1	1	0	0	0	0	0	CORE_2
T04H1.2	F42H10.7	1	0	0	0	0	0	CORE_2
T04H1.2	F44D12.1	0	2	0	0	0	0	CORE_2
T04H1.2	F44G3.9	0	9	0	0	0	0	CORE_1
T04H1.2	F45E6.2	0	3	0	0	0	0	CORE_1
T04H1.2	F46G10.1	0	1	0	0	0	0	CORE_2
T04H1.2	F47G6.1	2	0	0	0	0	0	CORE_2
T04H1.2	F49H12.6	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

T04H1.2	F52C6.2	0	18	0	0	0	0	CORE_1
T04H1.2	F52H3.4	2	0	0	0	0	0	CORE_2
T04H1.2	F53B3.1	2	21	0	0	0	0	CORE_1
T04H1.2	F53G12.4	0	40	0	0	0	0	CORE_1
T04H1.2	F54C9.11	1	0	0	0	0	0	CORE_2
T04H1.2	F54D10.7	0	2	0	0	0	0	CORE_2
T04H1.2	F57B9.9	1	0	0	0	0	0	NON_CORE
T04H1.2	F57C9.4	2	0	0	0	0	0	CORE_2
T04H1.2	F57F5.1	1	0	0	0	0	0	CORE_2
T04H1.2	F59C6.5	1	0	0	0	0	0	CORE_2
T04H1.2	H22K11.1	1	0	0	0	0	0	NON_CORE
T04H1.2	K01A2.10	2	0	0	0	0	0	CORE_2
T04H1.2	K01C8.5	1	0	0	0	0	0	CORE_2
T04H1.2	K08F8.2	3	0	0	0	0	0	CORE_1
T04H1.2	K11D2.3	1	0	0	0	0	0	NON_CORE
T04H1.2	M04G12.1	0	5	0	0	0	0	CORE_1
T04H1.2	R10E11.8	1	0	0	0	0	0	NON_CORE
T04H1.2	T02E9.2	1	0	0	0	0	0	CORE_2
T04H1.2	T04H1.2	0	1	0	0	0	0	CORE_2
T04H1.2	T05C12.6	3	6	0	0	0	0	CORE_1
T04H1.2	T07E3.5	1	1	0	0	0	0	CORE_2
T04H1.2	T09A5.12	2	0	0	0	0	0	CORE_2
T04H1.2	T11B7.1	2	12	0	0	0	0	CORE_1
T04H1.2	T16H12.4	1	0	0	0	0	0	CORE_2
T04H1.2	T22A3.3	7	0	0	0	0	0	CORE_1
T04H1.2	T23B12.2	1	0	0	0	0	0	CORE_2
T04H1.2	W02A2.1	1	0	0	0	0	0	NON_CORE
T04H1.2	W03F9.10	2	0	0	0	0	0	CORE_2
T04H1.2	W04A8.6	1	0	0	0	0	0	CORE_2
T04H1.2	Y38E10A.14	0	1	0	0	0	0	NON_CORE
T04H1.2	Y39B6A.1	12	2	0	0	0	0	CORE_1
T04H1.2	Y40C5A.1	0	1	0	0	0	0	CORE_2
T04H1.2	Y42G9A.1	0	8	0	0	0	0	CORE_1
T04H1.2	Y43F11A.3	1	0	0	0	0	0	CORE_2
T04H1.2	Y43F11A.5	1	0	0	0	0	0	NON_CORE
T04H1.2	Y43H11AL.1	2	0	0	0	0	0	CORE_2
T04H1.2	Y45G5AM.1	1	0	0	0	0	0	CORE_2
T04H1.2	Y46G5A.20	0	4	0	0	0	0	CORE_1
T04H1.2	Y55F3C.6	0	2	0	0	0	0	CORE_2
T04H1.2	ZC15.3	0	1	0	0	0	0	CORE_2
T04H1.2	ZC239.15	0	1	0	0	0	0	CORE_2
T04H1.2	ZC395.8	5	0	0	0	0	0	CORE_1
T04H1.2	ZC504.4	1	0	0	0	0	0	CORE_2
T04H1.2	ZK1053.3	1	0	0	0	0	0	CORE_2
T04H1.2	ZK1067.3	1	0	0	0	0	0	CORE_2
T04H1.2	ZK1098.4	1	0	0	0	0	0	CORE_2
T04H1.2	ZK112.2	0	1	0	0	0	0	CORE_2
T04H1.2	ZK1236.3	1	0	0	0	0	0	NON_CORE
T04H1.2	ZK1240.9	1	0	0	0	0	0	CORE_2
T04H1.2	ZK930.3	6	0	0	0	0	0	CORE_1
T04H1.4	ZC302.1	0	0	0	0	0	1	INTEROLOG
T04H1.4	ZC302.1	1	0	0	0	0	0	SCAFFOLD
T04H1.6	C07G2.1	1	0	0	0	0	0	NON_CORE
T04H1.6	C25B8.4	1	0	0	0	0	0	NON_CORE
T04H1.6	C44B12.5	1	0	0	0	0	0	NON_CORE
T04H1.6	C44C10.1	1	0	0	0	0	0	NON_CORE
T04H1.6	EEED8.7	1	0	0	0	0	0	NON_CORE
T04H1.6	F08B6.4	1	0	0	0	0	0	NON_CORE
T04H1.6	F17C11.9	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

T04H1.6	F46H5.3	1	0	0	0	0	0	NON_CORE
T04H1.6	F52E1.13	1	0	0	0	0	0	NON_CORE
T04H1.6	F54B11.7	0	1	0	0	0	0	CORE_2
T04H1.6	K08E7.5	0	2	0	0	0	0	CORE_2
T04H1.6	R01B10.1	1	0	0	0	0	0	NON_CORE
T04H1.6	T05A1.2	1	0	0	0	0	0	NON_CORE
T04H1.6	T06G6.9	1	0	0	0	0	0	NON_CORE
T04H1.6	T08H10.1	1	0	0	0	0	0	NON_CORE
T04H1.6	T17E9.2	1	0	0	0	0	0	NON_CORE
T04H1.6	Y39B6A.1	43	0	0	0	0	0	NON_CORE
T04H1.6	Y42G9A.6	1	0	0	0	0	0	NON_CORE
T04H1.6	Y69A2AR.18	1	0	0	0	0	0	CORE_2
T05A8.4	F54F7.5	0	1	0	0	0	0	NON_CORE
T05B9.1	T05B9.1	0	0	6	0	0	0	SCAFFOLD
T05C12.6	B0336.7	2	1	0	0	0	0	CORE_1
T05C12.6	C06A5.9	0	11	0	0	0	0	CORE_1
T05C12.6	C06G3.6	0	5	0	0	0	0	CORE_1
T05C12.6	C16A11.2	1	0	0	0	0	0	NON_CORE
T05C12.6	C17E7.4	3	0	0	0	0	0	CORE_1
T05C12.6	C18B2.5	2	0	0	0	0	0	CORE_2
T05C12.6	C23G10.3	0	1	0	0	0	0	NON_CORE
T05C12.6	C25E10.2	0	1	0	0	0	0	NON_CORE
T05C12.6	C27A2.6	2	29	0	0	0	0	CORE_1
T05C12.6	C30B5.1	0	1	0	0	0	0	NON_CORE
T05C12.6	C34D1.4	0	1	0	0	0	0	NON_CORE
T05C12.6	C34F11.9	8	0	0	0	0	0	CORE_1
T05C12.6	C36E6.5	1	0	0	0	0	0	NON_CORE
T05C12.6	C37A5.9	0	0	0	0	2	0	LITERATURE
T05C12.6	EEED8.7	0	1	0	0	0	0	NON_CORE
T05C12.6	F01D5.1	0	1	0	0	0	0	CORE_2
T05C12.6	F08F8.10	3	0	0	0	0	0	CORE_1
T05C12.6	F09E5.7	2	0	0	0	0	0	CORE_2
T05C12.6	F11G11.8	0	1	0	0	0	0	NON_CORE
T05C12.6	F14F9.4	0	6	0	0	0	0	CORE_1
T05C12.6	F28D1.2	0	1	0	0	0	0	CORE_2
T05C12.6	F29G9.2	1	0	0	0	0	0	CORE_2
T05C12.6	F33E2.2	2	0	0	0	0	0	CORE_2
T05C12.6	F36G3.1	3	0	0	0	0	0	CORE_1
T05C12.6	F37A4.9	2	0	0	0	0	0	CORE_2
T05C12.6	F38B2.1	1	0	0	0	0	0	CORE_2
T05C12.6	F52D1.1	1	0	0	0	0	0	CORE_2
T05C12.6	F53B3.3	1	0	0	0	0	0	CORE_2
T05C12.6	F53F10.1	0	1	0	0	0	0	NON_CORE
T05C12.6	F53G12.10	1	0	0	0	0	0	NON_CORE
T05C12.6	F54D10.7	0	1	0	0	0	0	NON_CORE
T05C12.6	F54D5.15	1	0	0	0	0	0	CORE_2
T05C12.6	F54F2.5	0	1	0	0	0	0	NON_CORE
T05C12.6	F55G1.8	1	0	0	0	0	0	NON_CORE
T05C12.6	F56D1.2	0	1	0	0	0	0	NON_CORE
T05C12.6	F57G12.2	0	11	0	0	0	0	CORE_1
T05C12.6	H06I04.1	1	0	0	0	0	0	CORE_2
T05C12.6	H15N14.2	3	0	0	0	0	0	CORE_1
T05C12.6	K03H6.2	0	1	0	0	0	0	NON_CORE
T05C12.6	K04D7.2	0	1	0	0	0	0	CORE_2
T05C12.6	K05B2.3	1	0	0	0	0	0	NON_CORE
T05C12.6	M01E11.4	1	0	0	0	0	0	NON_CORE
T05C12.6	M151.7	1	0	0	0	0	0	NON_CORE
T05C12.6	R06F6.8	1	0	0	0	0	0	CORE_2
T05C12.6	R08A2.3	0	1	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

T05C12.6	T03E6.7	1	0	0	0	0	0	NON_CORE
T05C12.6	T05C12.6	10	3	0	0	0	0	CORE_1
T05C12.6	T09A5.12	0	1	0	0	0	0	NON_CORE
T05C12.6	T09A5.2	0	2	0	0	0	0	CORE_2
T05C12.6	T26C12.3	1	0	0	0	0	0	CORE_2
T05C12.6	W04A8.6	1	0	0	0	0	0	CORE_2
T05C12.6	W05H9.1	1	0	0	0	0	0	NON_CORE
T05C12.6	W10G6.3	2	0	0	0	0	0	CORE_2
T05C12.6	Y32F6B.3	0	1	0	0	0	0	NON_CORE
T05C12.6	Y38C1AB.7	0	1	0	0	0	0	NON_CORE
T05C12.6	Y40C5A.1	0	1	0	0	0	0	CORE_2
T05C12.6	Y42A5A.3	0	1	0	0	0	0	NON_CORE
T05C12.6	Y43H11AL.1	1	0	0	0	0	0	CORE_2
T05C12.6	Y45F10D.9	0	2	0	0	0	0	CORE_2
T05C12.6	Y46G5A.20	1	0	0	0	0	0	NON_CORE
T05C12.6	Y54E2A.3	24	3	0	0	0	0	CORE_1
T05C12.6	Y57G11C.24	3	0	0	0	0	0	CORE_1
T05C12.6	Y57G11C.9	1	0	0	0	0	0	CORE_2
T05C12.6	Y66D12A.5	1	0	0	0	0	0	NON_CORE
T05C12.6	Y77E11A.7	0	3	0	0	0	0	CORE_1
T05C12.6	ZK1098.4	1	0	0	0	0	0	NON_CORE
T05C12.6	ZK112.2	1	0	0	0	0	0	CORE_2
T05C12.6	ZK512.5	0	32	0	0	0	0	CORE_1
T05C12.6	ZK849.2	1	0	0	0	0	0	NON_CORE
T05C12.6	ZK945.8	0	1	0	0	0	0	NON_CORE
T05D4.1	T05D4.1	1	0	0	0	0	0	CORE_2
T05E11.1	C23G10.3	0	0	0	0	0	1	INTEROLOG
T05E11.1	C49H3.11	0	0	0	0	0	1	INTEROLOG
T05E11.1	F36A2.6	0	0	0	0	0	1	INTEROLOG
T05E11.1	F37C12.9	0	0	0	0	0	1	INTEROLOG
T05E11.1	F53A3.3	0	0	0	0	0	1	INTEROLOG
T05E11.3	R05F9.10	1	0	0	0	0	0	NON_CORE
T05G5.10	C52E4.3	1	0	0	0	0	0	NON_CORE
T05G5.10	F27C8.2	0	2	0	0	0	0	CORE_2
T05G5.10	F48E3.3	0	1	0	0	0	0	NON_CORE
T05G5.10	K07A1.1	0	2	0	0	0	0	CORE_2
T05G5.10	K10H10.2	0	1	0	0	0	0	CORE_2
T05G5.10	Y17G7B.4	3	113	0	0	0	0	CORE_1
T05G5.10	ZK1225.6	0	1	0	0	0	0	CORE_2
T05G5.3	C38D4.6	1	0	0	0	0	0	CORE_2
T05G5.3	T06E6.2	0	0	0	0	0	1	INTEROLOG
T05G5.3	Y71G12B.27	0	0	0	0	0	1	INTEROLOG
T05H10.5	C06A1.1	0	0	0	0	0	1	INTEROLOG
T05H10.6	C04C3.3	0	0	0	0	0	1	INTEROLOG
T05H4.14	C06A5.9	0	1	0	0	0	0	CORE_2
T05H4.14	C25G4.4	0	2	0	0	0	0	CORE_2
T05H4.14	E04A4.8	1	0	0	0	0	0	NON_CORE
T05H4.14	F23B12.5	1	0	0	0	0	0	CORE_2
T05H4.14	F44G3.9	0	2	0	0	0	0	CORE_2
T05H4.14	F52C6.3	0	0	12	0	0	0	SCAFFOLD
T05H4.14	F54D10.7	0	0	9	0	0	0	SCAFFOLD
T05H4.14	H02I12.5	0	0	1	0	0	0	SCAFFOLD
T05H4.14	T08G5.5	1	0	0	0	0	0	CORE_2
T05H4.14	W05H7.4	0	1	0	0	0	0	NON_CORE
T05H4.14	Y59A8B.10	1	0	0	0	0	0	CORE_2
T05H4.14	Y66D12A.16	1	0	0	0	0	0	CORE_2
T06D8.8	F10G7.8	0	0	0	0	0	1	INTEROLOG
T06D8.8	F23F12.6	0	0	0	0	0	1	INTEROLOG
T06D8.8	F57B9.10	0	0	0	0	0	1	INTEROLOG

Table S5. WI5 interactions list

T06D8.8	K07D4.3	1	0	0	0	0	0	SCAFFOLD
T06D8.8	R12E2.3	2	0	0	1	0	0	SCAFFOLD
T06E4.3	F46F2.2	1	0	0	0	0	0	SCAFFOLD
T06E4.3	T04A11.6	1	0	0	0	0	0	SCAFFOLD
T06E4.3	W03D2.3	1	0	0	0	0	0	SCAFFOLD
T06E6.10	F25H2.10	1	0	0	0	0	0	CORE_2
T06E6.10	K10B3.7	1	0	0	0	0	0	NON_CORE
T06E6.10	Y39B6A.1	17	0	0	0	0	0	CORE_1
T06E6.2	Y71G12B.27	0	0	0	0	0	1	INTEROLOG
T06G6.9	H20J04.5	0	0	0	0	0	1	INTEROLOG
T07A5.3	H27D07.6	0	1	0	0	0	0	NON_CORE
T07C4.8	C35D10.9	0	0	0	0	2	0	LITERATURE
T07C4.8	C48D1.2	0	0	0	0	2	0	LITERATURE
T07C4.8	F23B12.9	0	0	0	0	1	0	LITERATURE
T07C4.8	Y48C3A.7	0	0	0	0	1	0	LITERATURE
T07D10.2	W02D9.10	0	1	0	0	0	0	NON_CORE
T07D4.2	C04C3.5	0	1	0	0	0	0	CORE_2
T07D4.2	C06A5.9	0	2	0	0	0	0	CORE_2
T07D4.2	C33G3.1	1	4	0	0	0	0	CORE_1
T07D4.2	F32G8.6	13	0	0	0	0	0	CORE_1
T07D4.2	F57B1.3	1	0	0	0	0	0	NON_CORE
T07D4.2	K02B12.4	1	0	0	0	0	0	CORE_2
T07D4.2	K12D12.2	1	0	0	0	0	0	NON_CORE
T07D4.2	T18D3.7	0	28	0	0	0	0	CORE_1
T07D4.2	T24H7.4	0	1	0	0	0	0	CORE_2
T07D4.2	Y48G1BL.4	0	1	0	0	0	0	NON_CORE
T07D4.2	ZC455.1	0	1	0	0	0	0	CORE_2
T07H6.2	C02B8.3	0	1	0	0	0	0	NON_CORE
T07H6.4	F57B9.8	0	1	0	0	0	0	NON_CORE
T08G11.5	F09E8.7	0	0	0	0	1	0	LITERATURE
T09A5.10	B0041.4	1	0	0	0	0	0	NON_CORE
T09A5.10	B0303.15	1	0	0	0	0	0	NON_CORE
T09A5.10	C25F6.2	2	0	0	0	0	0	CORE_2
T09A5.10	C38C10.4	0	0	0	0	1	0	LITERATURE
T09A5.10	F22B7.13	0	0	0	0	1	0	LITERATURE
T09A5.10	F43E2.8	1	0	0	0	0	0	NON_CORE
T09A5.10	F44E2.2	1	0	0	0	0	0	NON_CORE
T09A5.10	R10H10.2	0	1	0	0	0	0	NON_CORE
T09A5.2	K08E7.2	37	5	0	0	0	0	CORE_1
T09A5.2	R03D7.7	0	1	0	0	0	0	NON_CORE
T09A5.2	ZK105.1	1	0	0	0	0	0	NON_CORE
T09A5.9	F56C9.1	0	0	0	0	0	1	INTEROLOG
T09B4.2	T09B4.2	0	0	309	0	0	0	SCAFFOLD
T10B11.2	C09G9.6	1	0	0	0	0	0	NON_CORE
T10B9.10	F53B7.4	1	0	0	0	0	0	NON_CORE
T10B9.7	F52D10.3	1	0	0	0	0	0	NON_CORE
T10C6.5	C07G2.3	2	0	0	0	0	0	CORE_2
T10C6.5	Y55F3AM.13	1	0	0	0	0	0	CORE_2
T10F2.4	T23D5.2	0	1	0	0	0	0	NON_CORE
T10F2.4	ZK1098.4	1	0	0	0	0	0	NON_CORE
T11B7.4	AH6.5	18	0	0	0	0	0	CORE_1
T11B7.4	B0250.1	1	0	0	0	0	0	NON_CORE
T11B7.4	B0336.6	1	1	0	0	0	0	CORE_2
T11B7.4	C04C11.1	1	0	0	0	0	0	CORE_2
T11B7.4	C06C3.1	1	0	0	0	0	0	NON_CORE
T11B7.4	C06E7.4	5	0	0	0	0	0	CORE_1
T11B7.4	C09G1.4	1	34	0	0	0	0	CORE_1
T11B7.4	C14B9.6	0	1	0	0	0	0	CORE_2
T11B7.4	C16C8.12	0	20	0	0	0	0	CORE_1

Table S5. WI5 interactions list

T11B7.4	C16C8.5	0	2	0	0	0	0	CORE_2
T11B7.4	C25A11.4	1	0	0	0	0	0	NON_CORE
T11B7.4	C25F6.2	1	0	0	0	0	0	NON_CORE
T11B7.4	C27B7.4	0	4	0	0	0	0	CORE_1
T11B7.4	C27H2.2	1	0	0	0	0	0	NON_CORE
T11B7.4	C34F11.9	1	0	0	0	0	0	CORE_2
T11B7.4	C39D10.7	11	0	0	0	0	0	CORE_1
T11B7.4	C47E8.5	1	0	0	0	0	0	NON_CORE
T11B7.4	D1046.1	0	1	0	0	0	0	CORE_2
T11B7.4	D2005.3	0	1	0	0	0	0	NON_CORE
T11B7.4	F08B6.4	3	0	0	0	0	0	CORE_1
T11B7.4	F08F8.9	1	0	0	0	0	0	CORE_2
T11B7.4	F10A3.1	0	1	0	0	0	0	NON_CORE
T11B7.4	F10A3.4	0	1	0	0	0	0	NON_CORE
T11B7.4	F11G11.12	1	0	0	0	0	0	NON_CORE
T11B7.4	F13E6.4	1	0	0	0	0	0	CORE_2
T11B7.4	F14F9.4	0	6	0	0	0	0	CORE_1
T11B7.4	F27C1.2	1	0	0	0	0	0	NON_CORE
T11B7.4	F28C6.2	1	0	0	0	0	0	CORE_2
T11B7.4	F28F5.3	1	0	0	0	0	0	CORE_2
T11B7.4	F29G6.3	14	1	0	0	0	0	CORE_1
T11B7.4	F31E3.5	1	0	0	0	0	0	NON_CORE
T11B7.4	F35B12.5	0	1	0	0	0	0	CORE_2
T11B7.4	F36A2.1	3	0	0	0	0	0	CORE_1
T11B7.4	F41B4.1	1	0	0	0	0	0	CORE_2
T11B7.4	F44D12.1	0	7	0	0	0	0	CORE_1
T11B7.4	F46F11.2	1	0	0	0	0	0	CORE_2
T11B7.4	F49E2.2	0	2	0	0	0	0	CORE_2
T11B7.4	F52C6.2	0	29	0	0	0	0	CORE_1
T11B7.4	F53B3.3	1	4	0	0	0	0	CORE_1
T11B7.4	F53B3.6	2	0	0	0	0	0	NON_CORE
T11B7.4	F54B11.3	2	0	0	0	0	0	CORE_2
T11B7.4	F54E7.3	1	0	0	0	0	0	CORE_2
T11B7.4	F54F2.5	0	1	0	0	0	0	CORE_2
T11B7.4	F57G12.2	0	10	0	0	0	0	CORE_1
T11B7.4	F59A3.3	4	0	0	0	0	0	CORE_1
T11B7.4	F59E12.9	1	0	0	0	0	0	NON_CORE
T11B7.4	K01A2.10	10	0	0	0	0	0	CORE_1
T11B7.4	K01A6.1	1	0	0	0	0	0	CORE_2
T11B7.4	K04H4.1	5	0	0	0	0	0	CORE_1
T11B7.4	M01E11.7	0	3	0	0	0	0	CORE_1
T11B7.4	M79.4	0	1	0	0	0	0	NON_CORE
T11B7.4	T05C12.6	2	1	0	0	0	0	CORE_1
T11B7.4	T07E3.5	0	7	0	0	0	0	CORE_1
T11B7.4	T07F8.3	1	0	0	0	0	0	NON_CORE
T11B7.4	T09A5.12	0	2	0	0	0	0	CORE_2
T11B7.4	T10F2.1	1	0	0	0	0	0	NON_CORE
T11B7.4	T11B7.4	1	7	0	0	0	0	CORE_1
T11B7.4	T13C5.4	0	1	0	0	0	0	CORE_2
T11B7.4	T17H7.4	5	3	0	0	0	0	CORE_1
T11B7.4	T22A3.3	2	0	0	0	0	0	CORE_2
T11B7.4	T24B8.1	1	0	0	0	0	0	NON_CORE
T11B7.4	T27F2.2	1	0	0	0	0	0	NON_CORE
T11B7.4	W02D3.11	1	0	0	0	0	0	CORE_2
T11B7.4	W03F11.6	1	0	0	0	0	0	CORE_2
T11B7.4	W04D2.1	3	1	0	0	0	0	CORE_1
T11B7.4	W05H7.4	3	9	0	0	0	0	CORE_1
T11B7.4	W07B8.3	0	1	0	0	0	0	CORE_2
T11B7.4	Y40B10A.2	0	1	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

T11B7.4	Y40C5A.1	0	1	0	0	0	0	CORE_2
T11B7.4	Y43F8C.14	0	4	0	0	0	0	CORE_1
T11B7.4	Y45F10B.13	1	0	0	0	0	0	NON_CORE
T11B7.4	Y53C12B.3	0	2	0	0	0	0	CORE_2
T11B7.4	Y57G11C.24	1	12	0	0	0	0	CORE_1
T11B7.4	Y62H9A.6	1	0	0	0	0	0	NON_CORE
T11B7.4	Y71F9AL.13	1	0	0	0	0	0	NON_CORE
T11B7.4	Y73B6BL.33	1	0	0	0	0	0	CORE_2
T11B7.4	ZC247.1	0	1	0	0	0	0	CORE_2
T11B7.4	ZC434.2	1	0	0	0	0	0	NON_CORE
T11B7.4	ZK1193.1	1	0	0	0	0	0	NON_CORE
T11B7.4	ZK121.2	0	16	0	0	0	0	CORE_1
T11B7.4	ZK1307.9	2	3	0	0	0	0	CORE_1
T11B7.4	ZK287.6	0	1	0	0	0	0	CORE_2
T11B7.4	ZK512.5	0	16	0	0	0	0	CORE_1
T11B7.4	ZK863.7	1	0	0	0	0	0	CORE_2
T12A2.2	T09A5.11	0	0	0	0	0	1	INTEROLOG
T12B3.4	M6.1	1	0	0	0	0	0	NON_CORE
T12B3.4	ZC434.2	1	0	0	0	0	0	NON_CORE
T12D8.7	C26B2.3	4	0	0	0	0	0	CORE_1
T12D8.7	F15C11.2	2	0	0	0	0	0	CORE_2
T12D8.7	T07C4.1	3	0	0	0	0	0	CORE_1
T12D8.7	T23H4.2	1	0	0	0	0	0	NON_CORE
T12D8.7	Y104H12A.1	1	0	0	0	0	0	NON_CORE
T12D8.7	Y119C1A.1	0	10	0	0	0	0	CORE_1
T12D8.7	Y46G5A.31	0	4	0	0	0	0	CORE_1
T12D8.7	Y56A3A.4	0	1	0	0	0	0	NON_CORE
T12E12.4	T12E12.4	0	0	1	0	0	0	SCAFFOLD
T14F9.1	F55H2.2	0	0	0	0	0	1	INTEROLOG
T14F9.1	ZK970.4	0	0	0	0	0	1	INTEROLOG
T14G10.4	F02D8.2	0	1	0	0	0	0	NON_CORE
T14G10.4	F57B10.12	0	1	0	0	0	0	NON_CORE
T14G10.4	K08E3.7	1	0	0	0	0	0	NON_CORE
T14G10.5	C13B9.3	0	0	0	0	0	1	INTEROLOG
T14G10.5	F38E11.5	0	0	0	0	0	1	INTEROLOG
T14G10.5	Y71F9AL.17	0	0	0	0	0	1	INTEROLOG
T14G12.4	R02F2.5	0	3	0	0	0	0	CORE_1
T14G12.4	Y73C8B.3	0	1	0	0	0	0	NON_CORE
T14G12.4	Y75B8A.1	1	0	0	0	0	0	CORE_2
T16G1.11	C04C3.5	0	2	0	0	0	0	CORE_2
T16G1.11	C17G10.9	3	0	0	0	0	0	CORE_1
T16H12.5	C09B8.7	0	1	0	0	0	0	NON_CORE
T17H7.4	AH6.5	2	0	0	0	0	0	CORE_2
T17H7.4	B0041.2	1	0	0	0	0	0	CORE_2
T17H7.4	B0336.6	9	0	0	0	0	0	CORE_1
T17H7.4	B0365.3	1	0	0	0	0	0	NON_CORE
T17H7.4	C01G6.4	0	1	0	0	0	0	NON_CORE
T17H7.4	C02F12.8	0	4	0	0	0	0	CORE_1
T17H7.4	C03A7.13	0	1	0	0	0	0	CORE_2
T17H7.4	C06A8.5	0	1	0	0	0	0	CORE_2
T17H7.4	C06E7.4	4	0	0	0	0	0	CORE_1
T17H7.4	C07E3.1	1	0	0	0	0	0	CORE_2
T17H7.4	C17E7.4	6	0	0	0	0	0	CORE_1
T17H7.4	C27A2.6	2	9	0	0	0	0	CORE_1
T17H7.4	C27H5.2	4	0	0	0	0	0	CORE_1
T17H7.4	C33G3.6	2	27	0	0	0	0	CORE_1
T17H7.4	C34D10.2	2	0	0	0	0	0	CORE_2
T17H7.4	C43C3.1	2	0	0	0	0	0	CORE_2
T17H7.4	C52B11.2	4	4	0	0	0	0	CORE_1

Table S5. WI5 interactions list

T17H7.4	F01G10.5	0	28	0	0	0	0	CORE_1
T17H7.4	F01G12.6	0	1	0	0	0	0	CORE_2
T17H7.4	F07A5.7	1	0	0	0	0	0	CORE_2
T17H7.4	F07D10.1	1	0	0	0	0	0	NON_CORE
T17H7.4	F10C1.7	1	0	0	0	0	0	CORE_2
T17H7.4	F13A7.11	0	1	0	0	0	0	NON_CORE
T17H7.4	F15B10.2	1	0	0	0	0	0	NON_CORE
T17H7.4	F15E6.3	0	1	0	0	0	0	NON_CORE
T17H7.4	F20C5.6	1	16	0	0	0	0	CORE_1
T17H7.4	F22E12.1	1	0	0	0	0	0	NON_CORE
T17H7.4	F28D1.2	0	5	0	0	0	0	CORE_1
T17H7.4	F28F5.3	1	0	0	0	0	0	CORE_2
T17H7.4	F29G6.2	0	2	0	0	0	0	CORE_2
T17H7.4	F29G9.2	2	0	0	0	0	0	CORE_2
T17H7.4	F33E2.2	2	0	0	0	0	0	CORE_2
T17H7.4	F33G12.5	4	0	0	0	0	0	CORE_1
T17H7.4	F36G3.1	1	0	0	0	0	0	CORE_2
T17H7.4	F38B2.1	6	2	0	0	0	0	CORE_1
T17H7.4	F39H12.1	0	1	0	0	0	0	CORE_2
T17H7.4	F42A6.9	0	10	0	0	0	0	CORE_1
T17H7.4	F44D12.1	1	1	0	0	0	0	CORE_2
T17H7.4	F52B10.1	2	0	0	0	0	0	CORE_2
T17H7.4	F53B1.3	0	1	0	0	0	0	CORE_2
T17H7.4	F53C11.5	0	5	0	0	0	0	CORE_1
T17H7.4	F53F10.2	0	1	0	0	0	0	NON_CORE
T17H7.4	F54D5.15	1	0	0	0	0	0	CORE_2
T17H7.4	F56F12.1	1	0	0	0	0	0	CORE_2
T17H7.4	F57B9.7	0	2	0	0	0	0	CORE_2
T17H7.4	F57F4.4	1	0	0	0	0	0	NON_CORE
T17H7.4	F59C12.3	0	5	0	0	0	0	CORE_1
T17H7.4	F59C6.5	1	0	0	0	0	0	NON_CORE
T17H7.4	F59E12.9	1	0	0	0	0	0	NON_CORE
T17H7.4	F59F5.6	1	0	0	0	0	0	CORE_2
T17H7.4	H06I04.1	0	7	0	0	0	0	CORE_1
T17H7.4	H24G06.1	1	0	0	0	0	0	NON_CORE
T17H7.4	K02B9.2	0	1	0	0	0	0	CORE_2
T17H7.4	K05C4.1	0	1	0	0	0	0	NON_CORE
T17H7.4	K08B4.6	0	1	0	0	0	0	NON_CORE
T17H7.4	K08E7.5	0	1	0	0	0	0	NON_CORE
T17H7.4	K09B11.9	0	30	0	0	0	0	CORE_1
T17H7.4	K12F2.1	2	0	0	0	0	0	CORE_2
T17H7.4	M01E11.7	1	4	0	0	0	0	CORE_1
T17H7.4	R02F2.5	0	1	0	0	0	0	NON_CORE
T17H7.4	R11E3.6	1	1	0	0	0	0	CORE_2
T17H7.4	R11G11.6	0	1	0	0	0	0	CORE_2
T17H7.4	R148.3	3	0	0	0	0	0	CORE_1
T17H7.4	T01G9.6	5	0	0	0	0	0	CORE_1
T17H7.4	T02B11.3	1	0	0	0	0	0	NON_CORE
T17H7.4	T05C12.6	0	1	0	0	0	0	CORE_2
T17H7.4	T05F1.4	0	1	0	0	0	0	CORE_2
T17H7.4	T07F8.3	1	0	0	0	0	0	CORE_2
T17H7.4	T09A5.10	1	0	0	0	0	0	NON_CORE
T17H7.4	T10E9.7	1	0	0	0	0	0	NON_CORE
T17H7.4	T11B7.4	0	18	0	0	0	0	CORE_1
T17H7.4	T22A3.3	1	0	0	0	0	0	NON_CORE
T17H7.4	T26C12.3	1	0	0	0	0	0	NON_CORE
T17H7.4	T27A3.1	1	0	0	0	0	0	NON_CORE
T17H7.4	T28C6.7	1	0	0	0	0	0	CORE_2
T17H7.4	W02D3.11	2	0	0	0	0	0	CORE_2

Table S5. WI5 interactions list

T17H7.4	W02D3.5	0	1	0	0	0	0	NON_CORE
T17H7.4	W04D2.1	2	0	0	0	0	0	CORE_2
T17H7.4	W05H7.4	7	3	0	0	0	0	CORE_1
T17H7.4	W09B7.2	0	1	0	0	0	0	CORE_2
T17H7.4	W10G6.3	1	0	0	0	0	0	CORE_2
T17H7.4	Y119C1A.1	0	32	0	0	0	0	CORE_1
T17H7.4	Y22D7AL.10	0	1	0	0	0	0	NON_CORE
T17H7.4	Y39B6A.11	0	1	0	0	0	0	CORE_2
T17H7.4	Y40C5A.1	1	0	0	0	0	0	CORE_2
T17H7.4	Y42G9A.1	0	9	0	0	0	0	CORE_1
T17H7.4	Y44E3A.6	5	0	0	0	0	0	CORE_1
T17H7.4	Y45F10D.13	2	0	0	0	0	0	CORE_2
T17H7.4	Y46G5A.31	0	23	0	0	0	0	CORE_1
T17H7.4	Y51A2D.15	1	0	0	0	0	0	NON_CORE
T17H7.4	Y53H1A.1	0	3	0	0	0	0	CORE_1
T17H7.4	Y54E2A.3	9	7	0	0	0	0	CORE_1
T17H7.4	Y54F10AM.2	2	0	0	0	0	0	NON_CORE
T17H7.4	Y57G11C.24	5	6	0	0	0	0	CORE_1
T17H7.4	Y71H2AM.15	3	0	0	0	0	0	CORE_1
T17H7.4	Y73B6BL.33	5	0	0	0	0	0	CORE_1
T17H7.4	Y77E11A.7	1	12	0	0	0	0	CORE_1
T17H7.4	Y79H2A.1	1	0	0	0	0	0	NON_CORE
T17H7.4	Y82E9BR.13	1	0	0	0	0	0	CORE_2
T17H7.4	ZC8.4	2	8	0	0	0	0	CORE_1
T17H7.4	ZK1240.2	0	1	0	0	0	0	CORE_2
T17H7.4	ZK1248.10	1	0	0	0	0	0	CORE_2
T17H7.4	ZK686.3	1	0	0	0	0	0	NON_CORE
T17H7.4	ZK849.2	0	14	0	0	0	0	CORE_1
T17H7.4	ZK930.3	2	0	0	0	0	0	CORE_2
T18H9.7	C05D2.10	3	0	0	0	0	0	NON_CORE
T18H9.7	K04D7.1	1	0	0	0	0	0	NON_CORE
T19A5.2	Y53C12A.4	0	0	0	0	0	1	INTEROLOG
T19A6.3	T03E6.7	1	0	0	0	0	0	NON_CORE
T19B10.11	R03E9.1	0	0	0	0	1	0	LITERATURE
T20B12.2	F32A5.1	0	0	0	0	0	1	INTEROLOG
T20B12.8	C38D4.6	1	0	0	0	0	0	NON_CORE
T20B12.8	F55A3.3	0	0	0	0	0	1	INTEROLOG
T20B12.8	H02I12.5	1	0	0	0	0	0	NON_CORE
T20D3.7	F59G1.3	0	0	0	0	0	1	INTEROLOG
T20F5.2	C02F5.9	0	0	0	0	0	1	INTEROLOG
T20F5.2	ZK20.3	0	0	0	0	0	1	INTEROLOG
T20G5.10	Y38C1AA.6	1	0	0	0	0	0	NON_CORE
T20G5.11	T20G5.11	0	0	3	0	0	0	SCAFFOLD
T20H4.3	F29D10.4	1	0	0	0	0	0	NON_CORE
T20H4.4	VW02B12L.4	0	4	0	0	0	0	CORE_1
T20H4.5	C06A5.9	0	1	0	0	0	0	NON_CORE
T20H4.5	F53G12.5	1	0	0	0	0	0	NON_CORE
T20H4.5	H02I12.5	1	0	0	0	0	0	NON_CORE
T21B10.7	T05C12.7	0	0	0	0	0	1	INTEROLOG
T21B6.2	W07G1.5	0	1	0	0	0	0	NON_CORE
T21C9.4	B0547.1	1	0	0	0	0	0	CORE_2
T21C9.4	T21C9.4	2	11	0	0	0	0	CORE_1
T21D12.4	C29F9.7	0	0	0	0	1	0	LITERATURE
T21D12.4	F41H10.11	1	0	0	0	0	0	NON_CORE
T22A3.4	F13B10.1	1	0	0	0	0	0	CORE_2
T22A3.4	T19B4.5	6	0	0	0	0	0	CORE_1
T22A3.4	Y57A10A.8	1	0	0	0	0	0	CORE_2
T22B11.5	LLC1.3	0	0	0	0	0	1	INTEROLOG
T22B11.5	W02F12.5	0	0	0	0	0	1	INTEROLOG

Table S5. WI5 interactions list

T22B2.4	F46A9.6	2	0	0	0	0	0	CORE_2
T22B2.4	R02F2.5	0	2	0	0	0	0	CORE_2
T22B2.4	R74.5	1	0	0	0	0	0	CORE_2
T22B2.4	T01D1.2	1	0	0	0	0	0	CORE_2
T22B2.4	T21G5.5	1	0	0	0	0	0	CORE_2
T22B2.4	W02A11.3	1	0	0	0	0	0	NON_CORE
T22C1.4	R06F6.8	1	0	0	0	0	0	NON_CORE
T22C8.3	Y49E10.23	1	0	0	0	0	0	CORE_2
T22C8.3	Y62E10A.14	1	0	0	0	0	0	NON_CORE
T22C8.3	ZK909.4	4	0	0	0	0	0	CORE_1
T22D1.10	C27H6.2	0	0	0	0	0	1	INTEROLOG
T22D1.10	C27H6.2	0	0	33	0	0	0	SCAFFOLD
T22D1.12	F32G8.6	2	0	0	0	0	0	CORE_2
T22D1.12	T18D3.7	0	3	0	0	0	0	CORE_1
T22D1.12	T24H7.1	1	0	0	0	0	0	NON_CORE
T22D1.12	ZC455.1	0	2	0	0	0	0	CORE_2
T22D1.4	T09A5.11	0	0	0	0	0	1	INTEROLOG
T22D1.4	T12A2.2	0	0	0	0	0	1	INTEROLOG
T22D1.9	B0252.3	1	0	0	0	0	0	SCAFFOLD
T22D1.9	C48D5.1	1	0	0	0	0	0	SCAFFOLD
T22D1.9	C52B11.2	1	0	0	0	0	0	SCAFFOLD
T22D1.9	F10G7.8	0	0	0	0	0	1	INTEROLOG
T22D1.9	F23F12.6	0	0	0	0	0	1	INTEROLOG
T22D1.9	F25B5.4	1	0	0	0	0	0	SCAFFOLD
T22D1.9	F26D10.3	1	0	0	0	0	0	SCAFFOLD
T22D1.9	T28C6.7	1	0	0	0	0	0	SCAFFOLD
T22F3.4	B0250.1	0	0	0	0	0	1	INTEROLOG
T22F3.4	F10B5.1	0	0	0	0	0	1	INTEROLOG
T22F3.4	F13B10.2	0	0	0	0	0	1	INTEROLOG
T22F3.4	F28C6.7	0	0	0	0	0	1	INTEROLOG
T22F3.4	F52B5.6	0	0	0	0	0	1	INTEROLOG
T22F3.4	F54C9.5	0	0	0	0	0	1	INTEROLOG
T22F3.4	T24B8.1	0	0	0	0	0	1	INTEROLOG
T22F3.4	Y37E3.8	0	0	0	0	0	1	INTEROLOG
T22F3.4	ZK652.4	0	0	0	0	0	1	INTEROLOG
T22G5.2	W02G9.2	1	0	0	0	0	0	CORE_2
T22H2.5	F59A2.3	2	0	0	0	0	0	CORE_2
T22H2.5	T21B6.3	6	0	0	0	0	0	CORE_1
T23B12.3	E02A10.1	0	0	0	0	0	1	INTEROLOG
T23B3.4	R05F9.10	1	0	0	0	0	0	NON_CORE
T23C6.5	B0432.2	0	1	0	0	0	0	NON_CORE
T23C6.5	C18A11.1	0	1	0	0	0	0	NON_CORE
T23C6.5	C32F10.6	0	1	0	0	0	0	CORE_2
T23C6.5	T06C10.3	0	1	0	0	0	0	NON_CORE
T23C6.5	Y77E11A.2	1	0	0	0	0	0	NON_CORE
T23D8.4	C27D11.1	0	0	0	0	0	1	INTEROLOG
T23F1.6	AC3.3	1	0	0	0	0	0	CORE_2
T23F1.6	C03A7.14	1	0	0	0	0	0	NON_CORE
T23F1.6	C17G10.5	1	0	0	0	0	0	NON_CORE
T23F1.6	C37C3.6	1	0	0	0	0	0	CORE_2
T23F1.6	C42D8.2	1	0	0	0	0	0	CORE_2
T23F1.6	R05F9.10	2	0	0	0	0	0	CORE_2
T23F1.6	W03G1.5	1	0	0	0	0	0	NON_CORE
T23F1.6	Y39B6A.1	5	0	0	0	0	0	NON_CORE
T23G11.3	C06A8.3	1	0	0	0	0	0	NON_CORE
T23G11.3	C18E9.9	0	1	0	0	0	0	NON_CORE
T23G11.3	CC8.1	0	1	0	0	0	0	NON_CORE
T23G11.3	F17C11.9	1	0	0	0	0	0	NON_CORE
T23G11.3	F35C5.5	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

T23G11.3	F46F5.9	0	1	0	0	0	0	NON_CORE
T23G11.3	F53F1.5	2	0	0	0	0	0	NON_CORE
T23G11.3	F56D2.1	0	1	0	0	0	0	NON_CORE
T23G11.3	K02E2.7	0	1	0	0	0	0	NON_CORE
T23G11.3	K07H8.6	1	0	0	0	0	0	NON_CORE
T23G11.3	T06E4.10	1	0	0	0	0	0	NON_CORE
T23G11.3	T08G2.3	0	1	0	0	0	0	NON_CORE
T23G11.3	T23G11.3	0	0	0	0	1	0	LITERATURE
T23G11.3	Y113G7B.5	0	0	0	0	1	0	LITERATURE
T23G11.3	Y75B12A.2	0	1	0	0	0	0	NON_CORE
T23G11.3	ZK1193.1	2	0	0	0	0	0	NON_CORE
T23H4.2	C27B7.4	0	2	0	0	0	0	CORE_2
T23H4.2	F14B6.6	0	1	0	0	0	0	CORE_2
T23H4.2	M04G12.1	0	15	0	0	0	0	CORE_1
T23H4.2	T23H4.2	2	1	0	0	0	0	CORE_1
T24D1.3	M7.5	0	0	4	0	0	0	SCAFFOLD
T24H10.1	T21H3.3	0	0	0	0	0	1	INTEROLOG
T24H10.6	C17H12.1	11	8	0	0	0	0	CORE_1
T25C8.2	B0207.4	0	0	0	0	0	2	SCAFFOLD
T25C8.2	R13F6.1	0	0	0	0	0	4	SCAFFOLD
T25C8.2	T26A5.9	0	0	0	0	0	2	SCAFFOLD
T25C8.2	Y37D8A.10	0	0	0	0	0	3	SCAFFOLD
T25C8.2	Y41C4A.10	0	0	0	0	0	3	SCAFFOLD
T25C8.2	Y75B8A.2	0	0	0	0	0	2	SCAFFOLD
T25E4.1	R02F2.5	0	1	0	0	0	0	NON_CORE
T25G12.5	F35H8.4	0	1	0	0	0	0	NON_CORE
T25G12.5	VW02B12L.1	0	1	0	0	0	0	NON_CORE
T25G12.5	Y39E4B.2	0	1	0	0	0	0	NON_CORE
T26A5.7	W03D2.4	0	0	1	0	0	0	SCAFFOLD
T26A5.9	C10G6.1	11	0	0	0	0	0	CORE_1
T26A5.9	C18G1.4	1	0	0	0	0	0	NON_CORE
T26A5.9	C26B2.3	11	4	0	0	0	0	CORE_1
T26A5.9	C34F6.2	1	0	0	0	0	0	NON_CORE
T26A5.9	C38D4.6	3	0	0	0	0	0	CORE_1
T26A5.9	C39D10.7	6	2	0	0	0	0	CORE_1
T26A5.9	C50H11.13	0	1	0	0	0	0	NON_CORE
T26A5.9	F10A3.2	0	1	0	0	0	0	NON_CORE
T26A5.9	F10G8.8	10	13	0	0	0	0	CORE_1
T26A5.9	F11G11.11	1	0	0	0	0	0	NON_CORE
T26A5.9	F13D12.8	0	1	0	0	0	0	CORE_2
T26A5.9	F25H2.10	1	0	0	0	0	0	NON_CORE
T26A5.9	F26F4.5	4	0	0	0	0	0	CORE_1
T26A5.9	F32B6.1	1	0	0	0	0	0	CORE_2
T26A5.9	F33G12.4	1	0	0	0	0	0	NON_CORE
T26A5.9	F37C12.9	1	0	0	0	0	0	NON_CORE
T26A5.9	F55C10.2	1	0	0	0	0	0	NON_CORE
T26A5.9	F56F3.5	1	0	0	0	0	0	NON_CORE
T26A5.9	F57C2.6	0	8	0	0	0	0	CORE_1
T26A5.9	K12C11.2	1	0	0	0	0	0	CORE_2
T26A5.9	R07B7.2	3	1	0	0	0	0	CORE_1
T26A5.9	R10D12.14	8	0	0	0	0	0	CORE_1
T26A5.9	T07C4.10	1	0	0	0	0	0	CORE_2
T26A5.9	T20G5.1	1	1	0	0	0	0	CORE_2
T26A5.9	T23F11.4	2	18	0	0	0	0	CORE_1
T26A5.9	Y37D8A.14	1	0	0	0	0	0	NON_CORE
T26A5.9	Y38C1AA.9	1	0	0	0	0	0	NON_CORE
T26A5.9	Y38E10A.6	4	0	0	0	0	0	CORE_1
T26A5.9	Y49C4A.8	1	0	0	0	0	0	NON_CORE
T26E3.3	F53B3.1	0	1	0	0	0	0	CORE_2

Table S5. WI5 interactions list

T26E3.3	F54E7.3	0	0	0	0	2	0	LITERATURE
T26E3.3	H06I04.1	0	10	0	0	0	0	CORE_1
T26E3.3	ZK849.2	0	1	0	0	0	0	NON_CORE
T27A10.3	K10C2.4	1	0	0	0	0	0	NON_CORE
T27A10.3	ZC204.11	0	1	0	0	0	0	NON_CORE
T27F2.1	C27A2.6	0	0	3	0	0	0	SCAFFOLD
T27F2.1	F28D1.2	0	0	3	0	0	0	SCAFFOLD
T27F2.3	B0280.8	1	0	0	0	0	0	CORE_2
T27F2.3	B0547.1	2	0	0	0	0	0	CORE_2
T27F2.3	C16A11.2	1	0	0	0	0	0	CORE_2
T27F2.3	F23C8.5	1	0	0	0	0	0	NON_CORE
T27F2.3	F23H11.1	2	0	0	0	0	0	CORE_2
T27F2.3	F28D1.7	1	0	0	0	0	0	NON_CORE
T27F2.3	F43C11.7	1	0	0	0	0	0	CORE_2
T27F2.3	F44G3.9	1	7	0	0	0	0	CORE_1
T27F2.3	F55A11.3	2	0	0	0	0	0	NON_CORE
T27F2.3	H06H21.3	0	1	0	0	0	0	NON_CORE
T27F2.3	R12B2.2	1	0	0	0	0	0	NON_CORE
T27F2.3	T09A12.4	1	0	0	0	0	0	CORE_2
T27F2.3	Y119C1B.5	1	0	0	0	0	0	NON_CORE
T27F2.3	Y37E11AR.2	1	0	0	0	0	0	CORE_2
T27F2.3	Y39G10AR.13	0	0	0	0	1	0	LITERATURE
T27F2.3	Y48E1B.12	3	0	0	0	0	0	CORE_1
T27F2.3	ZK1098.4	1	0	0	0	0	0	NON_CORE
T27F2.3	ZK1240.2	0	1	0	0	0	0	NON_CORE
T27F2.3	ZK930.3	7	0	0	0	0	0	CORE_1
T27F7.3	C27D11.1	0	0	0	0	0	1	INTEROLOG
T27F7.3	F22B5.2	0	0	0	0	0	1	INTEROLOG
T27F7.3	T23D8.4	0	0	0	0	0	1	INTEROLOG
T27F7.3	Y74C10AR.1	0	0	0	0	0	1	INTEROLOG
T28A11.11	B0454.8	1	0	0	0	0	0	CORE_2
T28A11.11	C03A7.14	14	0	0	0	0	0	CORE_1
T28A11.11	C03A7.4	2	0	0	0	0	0	CORE_2
T28A11.11	C03A7.7	1	0	0	0	0	0	NON_CORE
T28A11.11	C03A7.8	2	0	0	0	0	0	CORE_2
T28A11.11	C09B8.6	1	0	0	0	0	0	CORE_2
T28A11.11	C18A11.7	4	0	0	0	0	0	CORE_1
T28A11.11	DY3.2	6	0	0	0	0	0	CORE_1
T28A11.11	F08G5.1	1	0	0	0	0	0	CORE_2
T28A11.11	F23F12.6	1	0	0	0	0	0	NON_CORE
T28A11.11	F33C8.1	1	0	0	0	0	0	NON_CORE
T28A11.11	F35G2.2	1	0	0	0	0	0	NON_CORE
T28A11.11	F37C4.5	1	0	0	0	0	0	CORE_2
T28A11.11	F42C5.8	1	0	0	0	0	0	NON_CORE
T28A11.11	F52C6.3	0	12	0	0	0	0	CORE_1
T28A11.11	M02D8.1	0	1	0	0	0	0	CORE_2
T28A11.11	R06F6.8	3	0	0	0	0	0	CORE_1
T28A11.11	Y40D12A.2	1	0	0	0	0	0	NON_CORE
T28A11.11	Y53C12A.1	1	0	0	0	0	0	NON_CORE
T28A11.11	ZK836.1	1	0	0	0	0	0	CORE_2
T28A8.1	C11E4.6	0	1	0	0	0	0	NON_CORE
T28A8.7	B0336.10	1	0	0	0	0	0	SCAFFOLD
T28A8.7	F44A6.1	1	0	0	0	0	0	SCAFFOLD
T28A8.7	H12C20.2	1	0	0	0	0	0	SCAFFOLD
T28A8.7	Y47G6A.11	0	0	0	0	0	1	INTEROLOG
T28A8.7	ZK856.7	1	0	0	0	0	0	SCAFFOLD
T28B8.5	F25H2.10	1	0	0	0	0	0	NON_CORE
T28B8.5	F58G6.7	1	0	0	0	0	0	NON_CORE
T28B8.5	T16G1.5	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

T28B8.5	W05E10.2	1	0	0	0	0	0	NON_CORE
T28C12.4	C14F11.1	1	0	0	0	0	0	NON_CORE
T28C12.4	C37C3.2	1	0	0	0	0	0	NON_CORE
T28C12.4	K10B3.8	1	0	0	0	0	0	NON_CORE
T28C12.4	R06A4.4	1	0	0	0	0	0	CORE_2
T28C12.4	T09A5.2	0	1	0	0	0	0	CORE_2
T28C12.4	Y49E10.1	1	0	0	0	0	0	NON_CORE
T28C12.4	Y62E10A.10	1	0	0	0	0	0	NON_CORE
T28D9.10	Y59A8B.6	0	0	0	0	0	1	INTEROLOG
T28F2.3	M05D6.7	1	0	0	0	0	0	NON_CORE
VC5.4	C47D12.1	0	0	0	0	0	1	INTEROLOG
VW02B12L.3	C56G2.7	1	0	0	0	0	0	NON_CORE
VW02B12L.3	F23H11.9	1	0	0	0	0	0	NON_CORE
VW02B12L.3	F54D5.7	1	0	0	0	0	0	NON_CORE
VW02B12L.3	F57G12.2	1	0	0	0	0	0	CORE_2
VW02B12L.3	H28O16.1	1	0	0	0	0	0	NON_CORE
VW02B12L.3	R155.1	1	0	0	0	0	0	NON_CORE
VW02B12L.3	T20B12.7	0	1	0	0	0	0	NON_CORE
VW02B12L.3	W02G9.2	11	0	0	0	0	0	CORE_1
VW02B12L.3	Y37E11AR.2	11	0	0	0	0	0	CORE_1
VW02B12L.3	Y69A2AR.30	5	0	0	0	0	0	CORE_1
W01B11.3	H06I04.3	0	0	0	0	0	1	INTEROLOG
W01B11.3	K07C5.4	0	0	0	0	0	1	INTEROLOG
W01B11.3	T01C3.7	0	0	0	0	0	1	INTEROLOG
W01B6.9	C38D4.6	1	0	0	0	0	0	NON_CORE
W01B6.9	R12B2.4	1	0	0	0	0	0	CORE_2
W01B6.9	R13A5.8	1	0	0	0	0	0	CORE_2
W01B6.9	T20H4.4	1	0	0	0	0	0	NON_CORE
W01B6.9	Y59A8B.10	1	0	0	0	0	0	CORE_2
W01D2.2	F32B6.1	1	0	0	0	0	0	CORE_2
W01G7.3	C36B1.3	0	0	0	0	0	1	INTEROLOG
W01G7.3	Y54E10BR.6	0	0	0	0	0	1	INTEROLOG
W02A2.6	D2096.3	0	1	0	0	0	0	NON_CORE
W02A2.6	T16G12.7	0	1	0	0	0	0	NON_CORE
W02A2.6	Y22D7AL.10	0	1	0	0	0	0	NON_CORE
W02A2.6	ZK652.1	0	1	0	0	0	0	NON_CORE
W02B12.8	C18C4.10	7	0	0	0	0	0	CORE_1
W02B12.8	F18E2.1	1	0	0	0	0	0	NON_CORE
W02D3.3	F14D12.4	0	0	0	0	2	0	LITERATURE
W02D3.3	F16F9.5	0	0	0	0	1	0	LITERATURE
W02D3.3	T01C8.7	0	0	0	0	1	0	LITERATURE
W02D7.7	F47G9.1	0	0	0	0	0	1	INTEROLOG
W02D7.7	Y113G7A.3	0	0	0	0	0	1	INTEROLOG
W02D7.7	Y60A3A.9	0	0	0	0	0	1	INTEROLOG
W02D7.7	ZK180.4	0	0	0	0	0	1	INTEROLOG
W02D9.1	F58A4.4	0	0	0	0	0	1	INTEROLOG
W02D9.1	R01H10.1	0	0	0	0	0	1	INTEROLOG
W02D9.3	Y46G5A.4	1	0	0	0	0	0	NON_CORE
W03D2.4	C05C10.4	1	0	0	0	0	0	SCAFFOLD
W03D2.4	C05D11.11	1	0	0	0	0	0	SCAFFOLD
W03D2.4	C54G10.2	1	0	0	0	0	0	SCAFFOLD
W03D2.4	F46F2.2	1	0	0	0	0	0	SCAFFOLD
W03D2.4	K03H1.10	1	0	0	0	0	0	SCAFFOLD
W03D2.4	T06E4.6	1	0	0	0	0	0	SCAFFOLD
W03D2.4	W03D2.4	1	0	0	0	0	0	SCAFFOLD
W03D2.4	Y41C4A.14	1	0	0	0	0	0	SCAFFOLD
W03D8.8	C16B8.3	0	1	0	0	0	0	CORE_2
W03D8.8	C27B7.4	0	2	0	0	0	0	CORE_2
W03D8.8	D1046.1	0	1	0	0	0	0	CORE_2

Table S5. WI5 interactions list

W03D8.8	F56A12.1	0	1	0	0	0	0	CORE_2
W03D8.8	F59A2.1	1	1	0	0	0	0	CORE_2
W03D8.8	K02B9.2	0	1	0	0	0	0	CORE_2
W03D8.8	T22A3.3	1	0	0	0	0	0	CORE_2
W03D8.8	Y79H2A.1	1	0	0	0	0	0	NON_CORE
W03G9.4	C31E10.7	0	1	0	0	0	0	NON_CORE
W03G9.4	C50B6.14	0	1	0	0	0	0	NON_CORE
W03G9.4	CC8.1	0	3	0	0	0	0	CORE_1
W03G9.4	F17C11.8	0	1	0	0	0	0	NON_CORE
W03G9.4	F29A7.3	0	1	0	0	0	0	NON_CORE
W03G9.4	R07E5.14	0	1	0	0	0	0	NON_CORE
W03G9.4	T11F9.6	0	1	0	0	0	0	NON_CORE
W03G9.4	T27A8.2	0	1	0	0	0	0	NON_CORE
W03G9.4	Y17G9A.1	0	1	0	0	0	0	NON_CORE
W04A8.7	C14A4.10	0	0	0	0	0	1	INTEROLOG
W04A8.7	F30F8.8	0	0	0	0	0	1	INTEROLOG
W04A8.7	T20B12.2	0	0	0	0	0	1	INTEROLOG
W04D2.1	B0250.2	0	1	0	0	0	0	NON_CORE
W04D2.1	B0495.9	0	1	0	0	0	0	NON_CORE
W04D2.1	C06C3.1	4	0	0	0	0	0	CORE_1
W04D2.1	C06G3.6	1	1	0	0	0	0	CORE_2
W04D2.1	C23G10.11	0	1	0	0	0	0	NON_CORE
W04D2.1	C27B7.4	0	174	0	0	0	0	CORE_1
W04D2.1	C29E4.1	0	1	0	0	0	0	NON_CORE
W04D2.1	C40A11.7	0	24	0	0	0	0	CORE_1
W04D2.1	C50E10.1	0	1	0	0	0	0	NON_CORE
W04D2.1	C54E10.2	0	1	0	0	0	0	NON_CORE
W04D2.1	F09F3.12	0	1	0	0	0	0	NON_CORE
W04D2.1	F14D7.3	0	1	0	0	0	0	NON_CORE
W04D2.1	F14F11.2	0	1	0	0	0	0	NON_CORE
W04D2.1	F22B7.13	0	1	0	0	0	0	CORE_2
W04D2.1	F25B4.9	0	1	0	0	0	0	NON_CORE
W04D2.1	F29B9.6	0	1	0	0	0	0	CORE_2
W04D2.1	F32D1.1	1	0	0	0	0	0	CORE_2
W04D2.1	F37B1.3	0	1	0	0	0	0	NON_CORE
W04D2.1	F42G8.10	0	1	0	0	0	0	NON_CORE
W04D2.1	F53G12.10	0	1	0	0	0	0	NON_CORE
W04D2.1	F54C9.5	1	0	0	0	0	0	NON_CORE
W04D2.1	F54D5.15	1	0	0	0	0	0	CORE_2
W04D2.1	F54D5.4	0	1	0	0	0	0	NON_CORE
W04D2.1	F55A4.1	0	1	0	0	0	0	NON_CORE
W04D2.1	F58E6.3	0	1	0	0	0	0	NON_CORE
W04D2.1	F58H1.6	0	1	0	0	0	0	NON_CORE
W04D2.1	H06O01.1	0	1	0	0	0	0	NON_CORE
W04D2.1	H19M22.2	0	1	0	0	0	0	CORE_2
W04D2.1	H24G06.1	1	0	0	0	0	0	CORE_2
W04D2.1	K01D12.7	0	1	0	0	0	0	NON_CORE
W04D2.1	K02A4.2	0	1	0	0	0	0	NON_CORE
W04D2.1	K12C11.2	0	44	0	0	0	0	CORE_1
W04D2.1	M01E11.7	0	1	0	0	0	0	CORE_2
W04D2.1	M110.2	0	1	0	0	0	0	NON_CORE
W04D2.1	R09E12.5	0	1	0	0	0	0	NON_CORE
W04D2.1	R119.4	0	1	0	0	0	0	NON_CORE
W04D2.1	T04C10.1	1	0	0	0	0	0	CORE_2
W04D2.1	T08E11.4	1	0	0	0	0	0	CORE_2
W04D2.1	T11B7.4	4	8	0	0	0	0	CORE_1
W04D2.1	T17H7.4	5	0	0	0	0	0	CORE_1
W04D2.1	T25F10.5	0	1	0	0	0	0	NON_CORE
W04D2.1	T27A1.3	0	1	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

W04D2.1	W04D2.1	4	2	0	0	0	0	CORE_1
W04D2.1	Y106G6D.7	0	1	0	0	0	0	CORE_2
W04D2.1	Y110A2AL.9	0	1	0	0	0	0	NON_CORE
W04D2.1	Y54E2A.11	0	1	0	0	0	0	NON_CORE
W04D2.1	Y57G11C.10	0	1	0	0	0	0	NON_CORE
W04D2.1	Y60A3A.1	0	1	0	0	0	0	NON_CORE
W04D2.1	Y73B6BL.33	6	0	0	0	0	0	CORE_1
W04D2.1	Y77E11A.7	4	18	0	0	0	0	CORE_1
W04D2.1	ZC178.2	0	1	0	0	0	0	NON_CORE
W04D2.1	ZC239.15	0	1	0	0	0	0	NON_CORE
W04D2.1	ZC395.8	4	0	0	0	0	0	CORE_1
W04D2.1	ZK596.2	0	1	0	0	0	0	NON_CORE
W04D2.1	ZK970.4	1	0	0	0	0	0	NON_CORE
W06A7.3	W06H8.1	0	1	0	0	18	0	CORE_2
W06A7.3	W06H8.1	0	1	0	0	18	0	LITERATURE
W06D4.1	W06D4.1	0	2	0	0	0	0	CORE_2
W06D4.6	C02F12.4	1	0	0	0	0	0	SCAFFOLD
W06D4.6	C34E7.4	1	0	0	0	0	0	NON_CORE
W06D4.6	F13D12.6	1	0	0	0	0	0	NON_CORE
W06D4.6	F25H5.4	1	0	0	0	0	0	SCAFFOLD
W06D4.6	F37A4.1	1	0	0	0	0	0	NON_CORE
W06D4.6	F53F10.5	3	0	0	0	0	0	CORE_1
W06D4.6	R12E2.3	1	0	0	0	0	0	SCAFFOLD
W06D4.6	T22A3.3	1	0	0	0	0	0	NON_CORE
W06D4.6	Y102A11A.2	1	0	0	0	0	0	NON_CORE
W06D4.6	Y43C5A.6	1	0	0	0	0	0	SCAFFOLD
W06D4.6	ZK1067.3	1	0	0	0	0	0	CORE_2
W06F12.1	B0336.1	0	0	0	0	6	0	LITERATURE
W06F12.1	B0393.3	1	0	0	0	0	0	NON_CORE
W06F12.1	C06E7.4	7	0	0	0	0	0	CORE_1
W06F12.1	C10G11.7	1	0	0	0	0	0	NON_CORE
W06F12.1	C25G4.4	1	41	0	0	0	0	CORE_1
W06F12.1	F18A1.3	0	1	0	0	0	0	CORE_2
W06F12.1	F23B12.5	1	0	0	0	0	0	NON_CORE
W06F12.1	F28H1.1	1	0	0	0	0	0	NON_CORE
W06F12.1	F32H2.7	1	0	0	0	0	0	NON_CORE
W06F12.1	F37A4.6	1	0	0	0	0	0	NON_CORE
W06F12.1	F42A6.9	1	9	0	0	0	0	CORE_1
W06F12.1	F52F12.3	0	0	0	0	3	0	LITERATURE
W06F12.1	F53B3.1	0	1	0	0	0	0	CORE_2
W06F12.1	K01G5.7	2	0	0	0	0	0	CORE_2
W06F12.1	R02D5.1	5	14	0	0	0	0	CORE_1
W06F12.1	T02E1.3	0	74	0	0	0	0	CORE_1
W06F12.1	T04C12.6	1	1	0	0	0	0	CORE_2
W06F12.1	T09F3.1	0	1	0	0	0	0	CORE_2
W06F12.1	T14F9.4	3	0	0	0	0	0	CORE_1
W06F12.1	T17H7.4	2	0	0	0	0	0	CORE_2
W06F12.1	T21B4.1	3	0	0	0	0	0	CORE_1
W06F12.1	T27A3.1	2	0	0	0	0	0	CORE_2
W06F12.1	W05H7.4	4	13	0	0	0	0	CORE_1
W06F12.1	W10C8.2	0	0	0	0	3	0	LITERATURE
W06F12.1	Y119C1A.1	0	88	0	0	0	0	CORE_1
W06F12.1	Y11D7A.12	5	0	0	0	0	0	CORE_1
W06F12.1	Y15E3A.5	3	0	0	0	0	0	CORE_1
W06F12.1	Y44E3A.6	1	0	0	0	0	0	CORE_2
W06F12.1	Y54F10AL.2	1	0	0	0	0	0	NON_CORE
W06F12.1	Y57G7A.5	0	1	0	0	0	0	CORE_2
W06F12.1	Y79H2A.1	4	0	0	0	0	0	CORE_1
W06F12.1	ZC449.6	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

W06F12.1	ZK1055.7	0	1	0	0	0	0	CORE_2
W06F12.1	ZK1290.4	1	0	0	0	0	0	NON_CORE
W07B3.2	AH6.5	8	0	0	0	0	0	CORE_1
W07B3.2	B0024.1	1	1	0	0	0	0	CORE_2
W07B3.2	B0041.2	1	1	0	0	0	0	CORE_2
W07B3.2	B0041.4	1	0	0	0	0	0	NON_CORE
W07B3.2	B0414.8	0	1	0	0	0	0	NON_CORE
W07B3.2	B0454.1	1	1	0	0	0	0	CORE_2
W07B3.2	B0464.5	0	4	0	0	0	0	CORE_1
W07B3.2	C02F12.8	1	4	0	0	0	0	CORE_1
W07B3.2	C02F4.2	0	1	0	0	0	0	NON_CORE
W07B3.2	C03C10.4	0	13	0	0	0	0	CORE_1
W07B3.2	C04C3.5	0	1	0	0	0	0	CORE_2
W07B3.2	C04H5.1	0	1	0	0	0	0	NON_CORE
W07B3.2	C06A5.9	0	24	0	0	0	0	CORE_1
W07B3.2	C06A8.5	0	1	0	0	0	0	CORE_2
W07B3.2	C09B8.7	0	1	0	0	0	0	NON_CORE
W07B3.2	C14H10.2	1	0	0	0	0	0	CORE_2
W07B3.2	C15H11.9	1	0	0	0	0	0	NON_CORE
W07B3.2	C16B8.3	0	2	0	0	0	0	CORE_2
W07B3.2	C16C4.4	0	3	0	0	0	0	CORE_1
W07B3.2	C16D2.1	0	1	0	0	0	0	NON_CORE
W07B3.2	C17E4.2	1	0	0	0	0	0	NON_CORE
W07B3.2	C17E4.5	2	0	0	0	0	0	CORE_2
W07B3.2	C17E7.4	1	0	0	0	0	0	CORE_2
W07B3.2	C18B2.5	0	1	0	0	0	0	NON_CORE
W07B3.2	C23G10.8	0	1	0	0	0	0	NON_CORE
W07B3.2	C25A1.4	0	12	0	0	0	0	CORE_1
W07B3.2	C26B2.3	0	1	0	0	0	0	CORE_2
W07B3.2	C26G2.2	0	2	0	0	0	0	CORE_2
W07B3.2	C27A12.2	1	0	0	0	0	0	CORE_2
W07B3.2	C27A2.6	1	13	0	0	0	0	CORE_1
W07B3.2	C27H5.2	2	0	0	0	0	0	CORE_2
W07B3.2	C29F3.6	0	1	0	0	0	0	CORE_2
W07B3.2	C33H5.12	0	4	0	0	0	0	CORE_1
W07B3.2	C35E7.1	1	0	0	0	0	0	NON_CORE
W07B3.2	C39D10.7	1	0	0	0	0	0	NON_CORE
W07B3.2	C41G7.2	1	0	0	0	0	0	NON_CORE
W07B3.2	C48D5.1	0	3	0	0	0	0	CORE_1
W07B3.2	C50E3.13	0	5	0	0	0	0	CORE_1
W07B3.2	C52B11.2	2	18	0	0	0	0	CORE_1
W07B3.2	C55B7.4	0	1	0	0	0	0	NON_CORE
W07B3.2	D1005.3	3	0	0	0	0	0	CORE_1
W07B3.2	F01F1.4	1	0	0	0	0	0	NON_CORE
W07B3.2	F01G12.6	0	8	0	0	0	0	CORE_1
W07B3.2	F07A5.7	1	0	0	0	0	0	CORE_2
W07B3.2	F08F8.10	2	0	0	0	0	0	CORE_2
W07B3.2	F08F8.9	1	0	0	0	0	0	NON_CORE
W07B3.2	F08G2.7	0	5	0	0	0	0	CORE_1
W07B3.2	F10C1.2	0	1	0	0	0	0	CORE_2
W07B3.2	F11C3.3	0	1	0	0	0	0	CORE_2
W07B3.2	F13E6.4	2	0	0	0	0	0	CORE_2
W07B3.2	F13E6.6	0	1	0	0	0	0	NON_CORE
W07B3.2	F14F9.4	0	1	0	0	0	0	CORE_2
W07B3.2	F16B12.6	0	1	0	0	0	0	CORE_2
W07B3.2	F18A1.3	0	3	0	0	0	0	CORE_1
W07B3.2	F18A1.4	0	1	0	0	0	0	NON_CORE
W07B3.2	F20C5.6	0	1	0	0	0	0	CORE_2
W07B3.2	F20E11.5	0	1	0	0	0	0	CORE_2

Table S5. WI5 interactions list

W07B3.2	F21H11.2	1	0	0	0	0	0	CORE_2
W07B3.2	F23H12.3	0	1	0	0	0	0	NON_CORE
W07B3.2	F25B4.7	0	1	0	0	0	0	NON_CORE
W07B3.2	F28D1.2	0	5	0	0	0	0	CORE_1
W07B3.2	F29D10.5	0	23	0	0	0	0	CORE_1
W07B3.2	F29G9.2	2	3	0	0	0	0	CORE_1
W07B3.2	F32E10.4	3	0	0	0	0	0	CORE_1
W07B3.2	F33G12.5	3	0	0	0	0	0	CORE_1
W07B3.2	F36G3.1	1	0	0	0	0	0	CORE_2
W07B3.2	F38B2.1	1	0	0	0	0	0	CORE_2
W07B3.2	F38E9.5	0	1	0	0	0	0	NON_CORE
W07B3.2	F38H4.9	1	0	0	0	0	0	NON_CORE
W07B3.2	F39H12.1	1	15	0	0	0	0	CORE_1
W07B3.2	F40D4.2	0	1	0	0	0	0	NON_CORE
W07B3.2	F40F11.2	0	1	0	0	0	0	NON_CORE
W07B3.2	F40F8.5	3	0	0	0	0	0	CORE_1
W07B3.2	F42A6.9	1	0	0	0	0	0	CORE_2
W07B3.2	F44B9.6	0	1	0	0	0	0	NON_CORE
W07B3.2	F44G3.9	0	2	0	0	0	0	CORE_2
W07B3.2	F46F5.9	0	1	0	0	0	0	NON_CORE
W07B3.2	F47B10.2	0	3	0	0	0	0	CORE_1
W07B3.2	F48E3.2	0	1	0	0	0	0	NON_CORE
W07B3.2	F49H12.3	0	1	0	0	0	0	CORE_2
W07B3.2	F52E4.1	1	0	0	0	0	0	NON_CORE
W07B3.2	F52H3.3	1	0	0	0	0	0	NON_CORE
W07B3.2	F53A10.2	1	0	0	0	0	0	NON_CORE
W07B3.2	F53B3.3	0	1	0	0	0	0	CORE_2
W07B3.2	F53C11.5	0	4	0	0	0	0	CORE_1
W07B3.2	F53F10.2	1	8	0	0	0	0	CORE_1
W07B3.2	F53G12.5	1	0	0	0	0	0	NON_CORE
W07B3.2	F54F2.5	0	12	0	0	0	0	CORE_1
W07B3.2	F55A11.8	0	1	0	0	0	0	NON_CORE
W07B3.2	F55A4.5	0	1	0	0	0	0	NON_CORE
W07B3.2	F55C12.1	0	6	0	0	0	0	CORE_1
W07B3.2	F55C9.9	0	1	0	0	0	0	NON_CORE
W07B3.2	F57B9.7	0	7	0	0	0	0	CORE_1
W07B3.2	F57G12.2	0	2	0	0	0	0	CORE_2
W07B3.2	F58E6.5	0	1	0	0	0	0	NON_CORE
W07B3.2	F59A2.3	4	0	0	0	0	0	CORE_1
W07B3.2	F59E12.9	2	0	0	0	0	0	CORE_2
W07B3.2	H02I12.1	2	0	0	0	0	0	CORE_2
W07B3.2	H04D03.1	0	1	0	0	0	0	NON_CORE
W07B3.2	H06I04.1	1	15	0	0	0	0	CORE_1
W07B3.2	K05B2.3	1	0	0	0	0	0	CORE_2
W07B3.2	K05D4.6	0	1	0	0	0	0	NON_CORE
W07B3.2	K05F1.3	0	1	0	0	0	0	NON_CORE
W07B3.2	K06A5.7	0	1	0	0	0	0	NON_CORE
W07B3.2	K08C7.3	1	0	0	0	0	0	NON_CORE
W07B3.2	K08D9.5	0	1	0	0	0	0	NON_CORE
W07B3.2	K08F8.2	2	0	0	0	0	0	CORE_2
W07B3.2	K09B11.9	0	31	0	0	0	0	CORE_1
W07B3.2	M01E10.2	0	1	0	0	0	0	NON_CORE
W07B3.2	M01E11.2	0	1	0	0	0	0	CORE_2
W07B3.2	M04C9.4	0	1	0	0	0	0	CORE_2
W07B3.2	M04G12.1	0	5	0	0	0	0	CORE_1
W07B3.2	M18.7	2	0	0	0	0	0	CORE_2
W07B3.2	R04B5.4	0	3	0	0	0	0	CORE_1
W07B3.2	R06C1.3	0	2	0	0	0	0	CORE_2
W07B3.2	R07B7.8	0	1	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

W07B3.2	R07G3.1	0	1	0	0	0	NON_CORE
W07B3.2	R08E3.4	2	0	0	0	0	CORE_2
W07B3.2	R31.3	1	0	0	0	0	NON_CORE
W07B3.2	R74.3	2	0	0	0	0	CORE_2
W07B3.2	T01G9.6	14	2	0	0	0	CORE_1
W07B3.2	T04F8.6	0	1	0	0	0	CORE_2
W07B3.2	T05C12.6	1	1	0	0	0	CORE_2
W07B3.2	T05H4.2	0	2	0	0	0	CORE_2
W07B3.2	T06G6.3	0	8	0	0	0	CORE_1
W07B3.2	T08B2.5	0	1	0	0	0	NON_CORE
W07B3.2	T09A5.2	0	3	0	0	0	CORE_1
W07B3.2	T09B9.4	1	0	0	0	0	CORE_2
W07B3.2	T09F3.1	0	6	0	0	0	CORE_1
W07B3.2	T09F5.10	0	1	0	0	0	NON_CORE
W07B3.2	T10B11.3	0	2	0	0	0	CORE_2
W07B3.2	T11B7.4	0	3	0	0	0	CORE_1
W07B3.2	T14E8.1	0	1	0	0	0	NON_CORE
W07B3.2	T16A9.3	0	1	0	0	0	NON_CORE
W07B3.2	T19B4.5	1	0	0	0	0	NON_CORE
W07B3.2	T19E7.2	1	0	0	0	0	NON_CORE
W07B3.2	T20F7.5	1	0	0	0	0	NON_CORE
W07B3.2	T21B6.3	1	0	0	0	0	CORE_2
W07B3.2	T23D8.3	2	0	0	0	0	CORE_2
W07B3.2	T27A3.1	1	0	0	0	0	NON_CORE
W07B3.2	T28A8.3	1	0	0	0	0	CORE_2
W07B3.2	W03C9.7	1	0	0	0	0	NON_CORE
W07B3.2	W03F11.6	1	0	0	0	0	CORE_2
W07B3.2	W04A8.6	1	0	0	0	0	CORE_2
W07B3.2	W04A8.7	0	2	0	0	0	CORE_2
W07B3.2	W04G5.8	0	1	0	0	0	NON_CORE
W07B3.2	W05H7.4	5	7	0	0	0	CORE_1
W07B3.2	W07G4.5	2	0	0	0	0	CORE_2
W07B3.2	W08G11.3	1	0	0	0	0	NON_CORE
W07B3.2	W09H1.3	0	1	0	0	0	NON_CORE
W07B3.2	W10D9.4	1	0	0	0	0	CORE_2
W07B3.2	Y105E8B.1	1	0	0	0	0	CORE_2
W07B3.2	Y119C1A.1	0	32	0	0	0	CORE_1
W07B3.2	Y17D7B.4	0	1	0	0	0	NON_CORE
W07B3.2	Y37A1B.1	0	3	0	0	0	CORE_1
W07B3.2	Y39B6A.20	1	0	0	0	0	NON_CORE
W07B3.2	Y39B6A.46	0	16	0	0	0	CORE_1
W07B3.2	Y42G9A.1	2	24	0	0	0	CORE_1
W07B3.2	Y42H9AR.1	1	0	0	0	0	CORE_2
W07B3.2	Y43H11AL.1	1	0	0	0	0	CORE_2
W07B3.2	Y44E3A.6	1	0	0	0	0	NON_CORE
W07B3.2	Y46G5A.31	0	22	0	0	0	CORE_1
W07B3.2	Y53G8AM.8	0	1	0	0	0	NON_CORE
W07B3.2	Y53H1A.1	0	3	0	0	0	CORE_1
W07B3.2	Y54E10BR.8	1	0	0	0	0	CORE_2
W07B3.2	Y54E2A.3	7	6	0	0	0	CORE_1
W07B3.2	Y54E5A.7	0	1	0	0	0	NON_CORE
W07B3.2	Y57G11C.24	1	0	0	0	0	CORE_2
W07B3.2	Y5H2B.2	1	0	0	0	0	NON_CORE
W07B3.2	Y62E10A.11	0	1	0	0	0	NON_CORE
W07B3.2	Y65B4BR.4	2	13	0	0	0	CORE_1
W07B3.2	Y71H2AM.15	1	0	0	0	0	NON_CORE
W07B3.2	Y77E11A.5	0	1	0	0	0	NON_CORE
W07B3.2	Y77E11A.7	2	27	0	0	0	CORE_1
W07B3.2	Y79H2A.1	3	0	0	0	0	CORE_1

Table S5. WI5 interactions list

W07B3.2	ZC266.1	0	1	0	0	0	0	CORE_2
W07B3.2	ZC455.1	1	0	0	0	0	0	CORE_2
W07B3.2	ZC8.4	0	10	0	0	0	0	CORE_1
W07B3.2	ZK1098.10	1	0	0	0	0	0	CORE_2
W07B3.2	ZK1127.12	0	1	0	0	0	0	NON_CORE
W07B3.2	ZK1240.2	0	1	0	0	0	0	NON_CORE
W07B3.2	ZK418.7	1	0	0	0	0	0	NON_CORE
W07B3.2	ZK512.5	0	1	0	0	0	0	CORE_2
W07B3.2	ZK652.6	1	1	0	0	0	0	CORE_2
W07B3.2	ZK849.2	0	3	0	0	0	0	CORE_1
W07B3.2	ZK867.1	0	1	0	0	0	0	CORE_2
W07B3.2	ZK930.3	1	0	0	0	0	0	CORE_2
W07B8.5	F53F10.5	1	0	0	0	0	0	CORE_2
W07B8.5	K08F11.3	2	0	0	0	0	0	CORE_2
W07E6.4	F11A10.2	0	0	0	0	0	1	INTEROLOG
W07E6.4	F11A10.2	2	0	0	0	0	0	CORE_2
W07E6.4	F13B10.1	1	0	0	0	0	0	CORE_2
W07E6.4	F26B1.3	1	0	0	0	0	0	NON_CORE
W07E6.4	T08E11.4	1	0	0	0	0	0	NON_CORE
W07E6.4	T13H5.4	0	0	0	0	0	1	INTEROLOG
W07E6.4	T13H5.4	4	0	0	0	0	0	CORE_1
W07E6.4	T18D3.7	0	6	0	0	0	0	CORE_1
W07E6.4	T24E12.6	0	1	0	0	0	0	NON_CORE
W07E6.4	W04D2.1	2	0	0	0	0	0	CORE_2
W07E6.4	Y113G7B.23	1	0	0	0	0	0	CORE_2
W07E6.4	Y39B6A.12	0	1	0	0	0	0	NON_CORE
W07E6.4	ZK930.3	1	0	0	0	0	0	CORE_2
W08D2.1	F57B9.6	1	0	0	0	0	0	NON_CORE
W08F4.8	C15A11.7	0	1	0	0	0	0	CORE_2
W08F4.8	C47E8.5	2	0	0	0	0	0	CORE_2
W08F4.8	D2023.2	0	1	0	0	0	0	NON_CORE
W08F4.8	F01G4.6	1	0	0	0	0	0	NON_CORE
W08F4.8	K04A8.3	0	1	0	0	0	0	NON_CORE
W08F4.8	R06B9.4	1	0	0	0	0	0	NON_CORE
W08F4.8	T06E4.6	0	1	0	0	0	0	CORE_2
W08F4.8	T07D10.3	0	1	0	0	0	0	NON_CORE
W08F4.8	W02G9.2	1	0	0	0	0	0	CORE_2
W08F4.8	Y37A1B.1	3	0	0	0	0	0	CORE_1
W08F4.8	Y39B6A.12	0	22	0	0	0	0	CORE_1
W09B6.2	C47D12.1	0	0	0	0	0	1	INTEROLOG
W09B6.2	F30F8.8	0	0	0	0	0	1	INTEROLOG
W09B6.2	F32A5.1	0	0	0	0	0	1	INTEROLOG
W09B6.2	W04A8.7	0	0	0	0	0	1	INTEROLOG
W09B6.2	Y37E11B.4	0	0	0	0	0	1	INTEROLOG
W09C3.4	F45E12.2	0	0	0	0	0	1	INTEROLOG
W09C3.4	H27M09.2	0	0	0	0	0	1	INTEROLOG
W09C3.4	ZK856.10	0	0	0	0	0	1	INTEROLOG
W09C5.2	Y50E8A.4	0	0	0	0	2	0	LITERATURE
W09C5.6	C26F1.9	0	0	0	0	0	1	INTEROLOG
W09D10.3	F25H2.10	0	0	0	0	0	1	INTEROLOG
W09D10.3	T07C4.1	3	0	0	0	0	0	CORE_1
W09D10.3	Y47G6A.14	0	1	0	0	0	0	CORE_2
W09G10.4	R11A5.1	0	0	0	0	0	1	INTEROLOG
W09G10.4	Y48G8AL.14	0	0	0	0	0	1	INTEROLOG
W09H1.6	B0250.1	1	0	0	0	0	0	NON_CORE
W09H1.6	B0547.1	2	0	0	0	0	0	CORE_2
W09H1.6	C07E3.3	15	0	0	0	0	0	CORE_1
W09H1.6	C14F11.4	10	0	0	0	0	0	CORE_1
W09H1.6	C34F6.9	3	0	0	0	0	0	CORE_1

Table S5. WI5 interactions list

W09H1.6	C46F11.1	0	7	0	0	0	0	CORE_1
W09H1.6	C56C10.9	1	0	0	0	0	0	CORE_2
W09H1.6	F09B9.4	1	0	0	0	0	0	CORE_2
W09H1.6	F09F7.5	12	24	0	0	0	0	CORE_1
W09H1.6	F26F2.3	0	6	0	0	0	0	CORE_1
W09H1.6	F29G6.3	44	53	0	0	0	0	CORE_1
W09H1.6	F40F8.10	1	0	0	0	0	0	NON_CORE
W09H1.6	F42C5.10	7	0	0	0	0	0	CORE_1
W09H1.6	F44G3.9	1	0	0	0	0	0	NON_CORE
W09H1.6	F52C6.2	0	1	0	0	0	0	NON_CORE
W09H1.6	F54B11.3	3	0	0	0	0	0	CORE_1
W09H1.6	F55G1.8	1	0	0	0	0	0	CORE_2
W09H1.6	F59C6.5	47	0	0	0	0	0	CORE_1
W09H1.6	H08J11.2	1	0	0	0	0	0	CORE_2
W09H1.6	K11E8.1	0	1	0	0	0	0	NON_CORE
W09H1.6	R05F9.10	2	0	0	0	0	0	CORE_2
W09H1.6	R107.4	2	0	0	0	0	0	CORE_2
W09H1.6	R31.1	1	0	0	0	0	0	CORE_2
W09H1.6	T05G5.6	1	0	0	0	0	0	NON_CORE
W09H1.6	T07C4.3	14	0	0	0	0	0	CORE_1
W09H1.6	T09A12.4	1	0	0	0	0	0	CORE_2
W09H1.6	W09H1.6	1	0	0	0	0	0	NON_CORE
W09H1.6	Y18D10A.17	1	0	0	0	0	0	CORE_2
W09H1.6	Y39G10AL.1	1	0	0	0	0	0	CORE_2
W09H1.6	Y46G5A.10	3	0	0	0	0	0	CORE_1
W09H1.6	Y47H9C.7	1	0	0	0	0	0	NON_CORE
W09H1.6	Y71F9B.3	1	0	0	0	0	0	NON_CORE
W09H1.6	ZC247.1	1	0	0	0	0	0	CORE_2
W09H1.6	ZK180.4	0	1	0	0	0	0	NON_CORE
W09H1.6	ZK270.2	3	0	0	0	0	0	CORE_1
W10C6.1	F47G4.4	3	0	0	0	0	0	CORE_1
W10C6.1	F57B10.12	6	0	0	0	0	0	CORE_1
W10C6.1	K10D2.6	1	0	0	0	0	0	NON_CORE
W10C6.1	Y110A7A.17	0	0	0	0	0	1	INTEROLOG
W10C6.1	ZK858.4	2	0	0	0	0	0	CORE_2
Y102E9.1	F13H8.2	1	0	0	0	0	0	NON_CORE
Y102E9.2	W02G9.2	1	0	0	0	0	0	CORE_2
Y105C5B.13	C14B1.1	1	0	0	0	0	0	NON_CORE
Y105C5B.13	C31H1.5	1	0	0	0	0	0	NON_CORE
Y105C5B.13	D2045.6	0	0	0	0	2	0	LITERATURE
Y105C5B.13	F20B10.1	1	0	0	0	0	0	NON_CORE
Y105C5B.13	F22E5.17	1	0	0	0	0	0	CORE_2
Y105C5B.13	W02G9.2	2	0	0	0	0	0	CORE_2
Y105C5B.13	Y77E11A.5	1	0	0	0	0	0	CORE_2
Y105C5B.13	ZK520.4	0	0	0	0	3	0	LITERATURE
Y105E8A.11	H06I04.4	1	0	0	0	0	0	CORE_2
Y105E8A.16	C23G10.3	0	0	0	0	0	1	INTEROLOG
Y105E8A.16	C49H3.11	0	0	0	0	0	1	INTEROLOG
Y105E8A.16	F36A2.6	0	0	0	0	0	1	INTEROLOG
Y105E8A.16	F37C12.9	0	0	0	0	0	1	INTEROLOG
Y105E8A.16	F53A3.3	0	0	0	0	0	1	INTEROLOG
Y105E8A.16	T05E11.1	0	0	0	0	0	1	INTEROLOG
Y105E8A.9	F29G9.3	0	0	0	0	0	1	INTEROLOG
Y105E8A.9	K11D2.3	0	0	0	0	0	1	INTEROLOG
Y105E8A.9	Y71H2B.10	0	0	0	0	0	1	INTEROLOG
Y105E8B.5	C03C10.4	0	1	0	0	0	0	CORE_2
Y105E8B.5	F25D1.5	0	1	0	0	0	0	CORE_2
Y105E8B.5	W07B8.5	0	1	0	0	0	0	CORE_2
Y105E8B.5	Y105E8B.5	6	22	0	0	0	0	CORE_1

Table S5. WI5 interactions list

Y106G6H.14	F13B10.2	2	0	0	0	0	0	CORE_2
Y106G6H.14	F59E12.9	1	0	0	0	0	0	NON_CORE
Y106G6H.14	W02G9.2	1	0	0	0	0	0	CORE_2
Y106G6H.15	F14B6.3	0	2	0	0	0	0	CORE_2
Y106G6H.15	F54E7.8	1	0	0	0	0	0	CORE_2
Y106G6H.2	F57F5.5	0	0	0	0	0	1	INTEROLOG
Y106G6H.2	R144.2	0	0	0	0	0	1	INTEROLOG
Y106G6H.7	R06B10.4	0	1	0	0	0	0	NON_CORE
Y110A7A.10	C34E10.6	2	0	0	0	0	0	CORE_2
Y110A7A.10	C38D4.6	1	0	0	0	0	0	CORE_2
Y110A7A.10	EEED8.5	1	0	0	0	0	0	NON_CORE
Y110A7A.10	F13B10.2	1	0	0	0	0	0	NON_CORE
Y110A7A.10	F23F1.7	1	0	0	0	0	0	NON_CORE
Y110A7A.10	F37H8.3	1	0	0	0	0	0	NON_CORE
Y110A7A.10	T14B4.4	1	0	0	0	0	0	NON_CORE
Y110A7A.10	T21E8.1	1	0	0	0	0	0	NON_CORE
Y110A7A.10	Y45G5AL.1	1	0	0	0	0	0	NON_CORE
Y110A7A.10	Y46E12BR.1	1	0	0	0	0	0	NON_CORE
Y110A7A.13	C18A11.7	1	0	0	0	0	0	CORE_2
Y110A7A.13	F43G9.5	1	0	0	0	0	0	NON_CORE
Y110A7A.14	C15H11.7	0	0	0	0	0	1	INTEROLOG
Y110A7A.14	T20F5.2	0	0	0	0	0	1	INTEROLOG
Y110A7A.17	F52D10.3	1	0	0	0	0	0	CORE_2
Y110A7A.17	W02B12.2	1	0	0	0	0	0	NON_CORE
Y110A7A.8	T28D9.10	0	0	0	0	0	1	INTEROLOG
Y110A7A.8	Y59A8B.6	0	0	0	0	0	1	INTEROLOG
Y111B2A.13	T20B12.2	0	0	0	0	0	1	INTEROLOG
Y111B2A.8	F55F3.1	0	0	0	0	0	1	INTEROLOG
Y111B2A.8	T01C8.1	0	0	0	0	0	1	INTEROLOG
Y113G7A.3	C50D2.2	0	0	0	0	0	1	INTEROLOG
Y113G7A.3	F55A4.1	0	0	0	0	0	1	INTEROLOG
Y113G7A.3	T01G1.3	0	0	0	0	0	1	INTEROLOG
Y113G7B.15	F08F8.5	2	0	0	0	0	0	CORE_2
Y113G7B.15	W03G1.5	2	0	0	0	0	0	CORE_2
Y113G7B.15	Y49E10.14	0	2	0	0	0	0	CORE_2
Y113G7B.23	R07E5.3	0	0	0	0	0	1	INTEROLOG
Y116A8C.26	K08F8.4	2	0	0	0	0	0	CORE_2
Y116A8C.26	T11B7.4	1	0	0	0	0	0	NON_CORE
Y116A8C.42	C50C3.6	0	0	0	0	0	1	INTEROLOG
Y116A8C.42	T28D9.10	0	0	0	0	0	1	INTEROLOG
Y119C1B.8	F55A11.3	2	0	0	0	0	0	CORE_2
Y119C1B.8	Y37E11AR.2	4	0	0	0	0	0	CORE_1
Y11D7A.13	Y11D7A.12	0	0	29	0	0	0	SCAFFOLD
Y15E3A.1	C03C10.4	2	0	0	0	0	0	CORE_2
Y15E3A.1	C07A12.1	1	0	0	0	0	0	CORE_2
Y15E3A.1	F25H2.10	1	0	0	0	0	0	NON_CORE
Y15E3A.1	F29D10.5	1	0	0	0	0	0	CORE_2
Y15E3A.1	M04G12.1	3	29	0	0	0	0	CORE_1
Y15E3A.1	R144.10	2	0	0	0	0	0	CORE_2
Y15E3A.1	T09A5.2	0	2	0	0	0	0	CORE_2
Y15E3A.1	ZK1193.5	2	0	0	0	0	0	CORE_2
Y15E3A.1	ZK867.1	0	1	0	0	0	0	CORE_2
Y17G7B.11	C33G8.4	0	1	0	0	0	0	CORE_2
Y17G7B.11	W02G9.2	1	0	0	0	0	0	CORE_2
Y17G7B.11	Y65B4BR.4	0	1	0	0	0	0	CORE_2
Y17G7B.14	BE0003N10.3	1	0	0	0	0	0	CORE_2
Y17G7B.14	C34G6.2	1	0	0	0	0	0	CORE_2
Y17G7B.14	C37C3.6	1	0	0	0	0	0	CORE_2
Y17G7B.14	C39D10.7	3	0	0	0	0	0	CORE_1

Table S5. WI5 interactions list

Y17G7B.14	C55B7.4	2	0	0	0	0	0	CORE_2
Y17G7B.14	F08D12.3	1	0	0	0	0	0	CORE_2
Y17G7B.14	F29G9.2	1	0	0	0	0	0	CORE_2
Y17G7B.14	K04H4.2	2	0	0	0	0	0	CORE_2
Y17G7B.14	T21B6.3	1	0	0	0	0	0	CORE_2
Y17G7B.14	T22H2.5	1	0	0	0	0	0	CORE_2
Y17G7B.14	Y69H2.3	0	2	0	0	0	0	CORE_2
Y17G7B.15	DY3.2	2	0	0	0	0	0	CORE_2
Y17G7B.15	K08D10.7	0	1	0	0	0	0	NON_CORE
Y17G7B.15	Y38H8A.2	0	1	0	0	0	0	NON_CORE
Y17G7B.2	ZK863.6	8	0	0	0	0	0	CORE_1
Y17G9B.3	C34F11.3	1	0	0	0	0	0	NON_CORE
Y17G9B.5	C48D5.1	1	0	0	0	0	0	CORE_2
Y17G9B.5	C53D5.6	1	0	0	0	0	0	NON_CORE
Y17G9B.5	F01G4.6	2	0	0	0	0	0	NON_CORE
Y17G9B.5	F38A5.13	1	0	0	0	0	0	NON_CORE
Y17G9B.5	K08H10.1	1	0	0	0	0	0	NON_CORE
Y17G9B.5	W04D2.1	3	0	0	0	0	0	CORE_1
Y18D10A.5	C01G12.1	0	3	0	0	0	0	CORE_1
Y18D10A.5	CC8.1	0	1	0	0	0	0	NON_CORE
Y18D10A.5	F29D10.5	0	30	0	0	0	0	CORE_1
Y18D10A.5	T12G3.1	0	4	0	0	0	0	CORE_1
Y18D10A.5	T24H7.3	0	8	0	0	0	0	CORE_1
Y18D10A.8	B0041.4	1	0	0	0	0	0	CORE_2
Y18D10A.8	B0348.6	3	17	0	0	0	0	CORE_1
Y18D10A.8	F44A2.5	1	3	0	0	0	0	CORE_1
Y18D10A.8	F46G10.1	0	1	0	0	0	0	CORE_2
Y18D10A.8	F53A2.6	22	19	0	0	0	0	CORE_1
Y18D10A.8	R02F2.5	0	4	0	0	0	0	CORE_1
Y18D10A.8	R04A9.4	3	2	0	0	0	0	CORE_1
Y18D10A.8	R186.5	0	1	0	0	0	0	CORE_2
Y22D7AL.10	Y22D7AL.5	0	0	0	0	0	1	INTEROLOG
Y25C1A.5	Y71F9AL.17	0	0	0	0	0	1	INTEROLOG
Y2H9A.1	E04A4.8	1	0	0	0	0	0	NON_CORE
Y2H9A.1	F48E8.1	1	0	0	0	0	0	CORE_2
Y2H9A.1	M03A1.7	1	0	0	0	0	0	NON_CORE
Y2H9A.1	T04G9.3	1	0	0	0	0	0	NON_CORE
Y2H9A.1	T05B4.3	1	0	0	0	0	0	NON_CORE
Y2H9A.1	T18H9.2	1	0	0	0	0	0	CORE_2
Y2H9A.1	Y39B6A.1	20	0	0	0	0	0	CORE_1
Y2H9A.1	Y7A5A.1	1	0	0	0	0	0	NON_CORE
Y2H9A.1	ZC513.6	1	0	0	0	0	0	NON_CORE
Y2H9A.1	ZK632.6	1	0	0	0	0	0	CORE_2
Y2H9A.1	ZK795.1	1	0	0	0	0	0	NON_CORE
Y32F6A.3	F19B6.2	0	0	0	0	0	1	INTEROLOG
Y32F6A.3	F32D1.9	0	0	0	0	0	1	INTEROLOG
Y32F6A.3	W02A11.4	0	0	0	0	0	1	INTEROLOG
Y32F6A.3	Y76B12C.7	0	0	0	0	0	1	INTEROLOG
Y32H12A.4	F56C9.1	1	0	0	0	0	0	CORE_2
Y32H12A.4	R09A1.2	1	0	0	0	0	0	NON_CORE
Y34B4A.4	F26D10.3	0	0	0	0	0	1	INTEROLOG
Y37A1B.13	C38D4.6	1	0	0	0	0	0	CORE_2
Y37D8A.10	T07C4.1	2	0	0	0	0	0	CORE_2
Y37D8A.17	C39D10.7	1	0	0	0	0	0	CORE_2
Y37D8A.17	Y55F3BR.2	1	0	0	0	0	0	NON_CORE
Y37D8A.18	E02A10.1	0	0	0	0	0	1	INTEROLOG
Y37D8A.1	C35D10.16	0	0	0	0	0	1	INTEROLOG
Y37D8A.1	K07C5.1	0	0	0	0	0	1	INTEROLOG
Y37D8A.1	M01B12.3	0	0	0	0	0	1	INTEROLOG

Table S5. WI5 interactions list

Y37D8A.1	Y71F9AL.16	0	0	0	0	0	1	INTEROLOG
Y37D8A.9	C23G10.3	1	0	0	0	0	0	SCAFFOLD
Y37D8A.9	C41G7.1	1	0	0	0	0	0	SCAFFOLD
Y37D8A.9	F41H10.4	1	0	0	0	0	0	SCAFFOLD
Y37D8A.9	F54D11.4	1	0	0	0	0	0	SCAFFOLD
Y37D8A.9	K07F5.13	1	0	0	0	0	0	SCAFFOLD
Y37D8A.9	K08E3.6	1	0	0	0	0	0	SCAFFOLD
Y37D8A.9	R05D3.4	1	0	0	0	0	0	SCAFFOLD
Y37D8A.9	W10G6.3	1	0	0	0	0	0	SCAFFOLD
Y37D8A.9	ZK1127.3	1	0	0	0	0	0	SCAFFOLD
Y37E11B.4	F30F8.8	0	0	0	0	0	1	INTEROLOG
Y37E11B.4	W04A8.7	0	0	0	0	0	1	INTEROLOG
Y37E3.10	Y39G10AR.8	0	0	0	0	0	1	INTEROLOG
Y37E3.3	C06A1.5	0	0	0	0	0	1	INTEROLOG
Y37E3.3	C15H11.8	0	0	0	0	0	1	INTEROLOG
Y37E3.3	ZK856.10	0	0	0	0	0	1	INTEROLOG
Y37E3.8	B0250.1	0	0	0	0	0	1	INTEROLOG
Y37E3.8	F28C6.7	0	0	0	0	0	1	INTEROLOG
Y37E3.8	M01F1.2	0	0	0	0	0	1	INTEROLOG
Y37E3.8	T24B8.1	0	0	0	0	0	1	INTEROLOG
Y37E3.8	Y48G8AL.8	0	0	0	0	0	1	INTEROLOG
Y37E3.8	ZK652.4	0	0	0	0	0	1	INTEROLOG
Y37H9A.3	F36D4.3	1	0	0	0	0	0	CORE_2
Y37H9A.6	B0393.1	1	0	0	0	0	0	NON_CORE
Y38A8.2	C05D9.1	3	0	0	0	0	0	SCAFFOLD
Y38A8.2	C16C8.16	1	0	0	0	0	0	SCAFFOLD
Y38A8.2	C47B2.4	0	0	0	0	0	1	INTEROLOG
Y38A8.2	C47B2.4	21	0	0	0	0	0	SCAFFOLD
Y38A8.2	T20F5.2	0	0	0	0	0	1	INTEROLOG
Y38A8.2	W04D2.1	1	0	0	0	0	0	SCAFFOLD
Y38F2AL.2	K01A6.1	1	0	0	0	0	0	CORE_2
Y38F2AL.2	K03E6.4	0	3	0	0	0	0	CORE_1
Y38F2AL.2	Y42H9AR.1	1	0	0	0	0	0	NON_CORE
Y38F2AL.3	F20B6.2	0	0	0	0	0	1	INTEROLOG
Y38F2AL.3	F55H2.2	0	0	0	0	0	1	INTEROLOG
Y38F2AL.4	C17H12.14	0	0	0	0	0	1	INTEROLOG
Y38F2AL.4	C30F8.2	0	0	0	0	0	1	INTEROLOG
Y38F2AL.4	F20B6.2	0	0	0	0	0	1	INTEROLOG
Y38F2AL.4	F55H2.2	0	0	0	0	0	1	INTEROLOG
Y38F2AL.4	ZK970.4	0	0	0	0	0	1	INTEROLOG
Y38H6C.14	C17E4.2	1	0	0	0	0	0	CORE_2
Y38H6C.14	H06I04.1	2	0	0	0	0	0	CORE_2
Y38H6C.14	K04G2.10	1	0	0	0	0	0	CORE_2
Y38H6C.14	K08F8.4	8	2	0	0	0	0	CORE_1
Y38H6C.14	K09B11.9	0	14	0	0	0	0	CORE_1
Y38H6C.14	R06F6.8	2	0	0	0	0	0	NON_CORE
Y38H6C.14	R07E3.3	0	1	0	0	0	0	NON_CORE
Y38H6C.14	Y54E2A.3	5	0	0	0	0	0	CORE_1
Y38H6C.14	Y57G11C.24	1	0	0	0	0	0	NON_CORE
Y38H6C.14	Y62F5A.1	1	0	0	0	0	0	NON_CORE
Y38H6C.8	R05F9.10	19	9	0	0	0	0	CORE_1
Y38H6C.8	ZK1320.2	1	0	0	0	0	0	NON_CORE
Y39A1A.12	F59E10.1	0	0	0	0	0	1	INTEROLOG
Y39A1A.15	K09B11.9	0	6	0	0	0	0	CORE_1
Y39A1A.15	M04G12.1	0	1	0	0	0	0	NON_CORE
Y39A1A.23	K08E3.6	1	0	0	0	0	0	SCAFFOLD
Y39A1A.23	Y41C4A.14	1	0	0	0	0	0	SCAFFOLD
Y39A3B.2	C32F10.6	0	1	0	0	0	0	CORE_2
Y39B6A.34	C53D5.6	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

Y39B6A.34	F29B9.4	1	0	0	0	0	0	NON_CORE
Y39B6A.34	F55D10.2	1	0	0	0	0	0	NON_CORE
Y39B6A.34	H02I12.5	1	0	0	0	0	0	NON_CORE
Y39B6A.34	K01A2.2	1	0	0	0	0	0	NON_CORE
Y39E4A.2	F13E6.5	1	0	0	0	0	0	NON_CORE
Y39E4A.2	K04F10.4	1	0	0	0	0	0	CORE_2
Y39E4A.2	K07D8.1	2	0	0	0	0	0	CORE_2
Y39E4A.2	K08E5.3	1	0	0	0	0	0	CORE_2
Y39E4A.2	K08E7.5	0	1	0	0	0	0	CORE_2
Y39E4A.2	T21E3.3	0	1	0	0	0	0	NON_CORE
Y39E4A.2	Y39E4A.2	3	0	0	0	0	0	NON_CORE
Y39E4A.2	ZK1058.2	1	0	0	0	0	0	NON_CORE
Y39E4A.3	C04C3.3	2	0	0	0	0	0	CORE_2
Y39E4A.3	F17B5.5	0	1	0	0	0	0	NON_CORE
Y39E4A.3	W04D2.1	1	0	0	0	0	0	NON_CORE
Y39E4B.12	C32E8.8	1	0	0	0	0	0	NON_CORE
Y39E4B.12	F54F2.8	10	0	0	0	0	0	CORE_1
Y39E4B.12	R05F9.10	4	0	0	0	0	0	CORE_1
Y39E4B.12	Y66H1A.2	1	0	0	0	0	0	CORE_2
Y39E4B.1	B0041.4	1	0	0	0	0	0	NON_CORE
Y39E4B.1	C07B5.3	0	1	0	0	0	0	NON_CORE
Y39E4B.1	Y15E3A.1	0	1	0	0	0	0	NON_CORE
Y39G10AR.13	B0207.4	0	0	0	0	1	0	LITERATURE
Y39G10AR.13	C47E12.4	1	0	0	0	0	0	NON_CORE
Y39G10AR.13	C48D5.1	1	0	0	0	0	0	NON_CORE
Y39G10AR.13	F18A1.5	1	0	0	0	0	0	NON_CORE
Y39G10AR.13	F22B5.3	1	0	0	0	0	0	NON_CORE
Y39G10AR.13	F35E2.9	1	0	0	0	0	0	NON_CORE
Y39G10AR.13	F52H3.7	1	0	0	0	0	0	NON_CORE
Y39G10AR.13	K02G10.4	1	0	0	0	0	0	NON_CORE
Y39G10AR.13	K07C11.2	0	0	0	0	1	0	LITERATURE
Y39G10AR.13	K11H12.2	1	0	0	0	0	0	NON_CORE
Y39G10AR.13	T01C3.7	1	0	0	0	0	0	NON_CORE
Y39G10AR.13	T20D3.3	1	0	0	0	0	0	NON_CORE
Y39G10AR.13	T27F2.3	0	0	0	0	1	0	LITERATURE
Y39G10AR.13	T28C6.7	1	0	0	0	0	0	NON_CORE
Y39G8C.1	F28F8.3	0	0	0	0	0	1	INTEROLOG
Y39G8C.1	F32A5.7	0	0	0	0	0	1	INTEROLOG
Y39G8C.1	T10G3.6	0	0	0	0	0	1	INTEROLOG
Y39G8C.1	Y71G12B.14	0	0	0	0	0	1	INTEROLOG
Y39H10A.7	R03E1.2	1	0	0	0	0	0	SCAFFOLD
Y39H10A.7	Y77E11A.2	1	0	0	0	0	0	SCAFFOLD
Y40B1B.6	D1014.8	1	0	0	0	1	0	CORE_2
Y40B1B.6	D1014.8	1	0	0	0	1	0	LITERATURE
Y40B1B.6	F52C6.2	0	5	0	0	0	0	CORE_1
Y40B1B.6	F54B11.7	0	1	0	0	0	0	NON_CORE
Y40B1B.6	R06C1.3	0	1	0	0	0	0	CORE_2
Y41C4A.10	W02G9.2	1	0	0	0	0	0	NON_CORE
Y41C4A.10	Y42H9AR.1	1	0	0	0	0	0	NON_CORE
Y41C4A.10	Y82E9BR.15	1	0	0	0	0	0	CORE_2
Y41C4A.14	C04F12.3	1	0	0	0	0	0	SCAFFOLD
Y41C4A.14	C06A1.1	0	1	0	0	0	0	CORE_2
Y41C4A.14	C06G3.6	1	0	0	0	0	0	SCAFFOLD
Y41C4A.14	C07A12.4	1	0	0	0	0	0	SCAFFOLD
Y41C4A.14	C10G11.5	1	0	0	0	0	0	SCAFFOLD
Y41C4A.14	C14C10.5	0	1	0	0	0	0	NON_CORE
Y41C4A.14	C18D1.2	0	1	0	0	0	0	NON_CORE
Y41C4A.14	C23G10.3	0	1	0	0	0	0	NON_CORE
Y41C4A.14	C25E10.8	0	1	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

Y41C4A.14	C30B5.1	1	0	0	0	0	0	CORE_2
Y41C4A.14	C32E8.4	0	1	0	0	0	0	NON_CORE
Y41C4A.14	C34C6.6	0	3	0	0	0	0	CORE_1
Y41C4A.14	C40A11.8	0	1	0	0	0	0	NON_CORE
Y41C4A.14	C45B2.1	0	1	0	0	0	0	NON_CORE
Y41C4A.14	F02D8.2	0	1	0	0	0	0	NON_CORE
Y41C4A.14	F11C3.3	1	0	0	0	0	0	NON_CORE
Y41C4A.14	F16B4.9	0	1	0	0	0	0	NON_CORE
Y41C4A.14	F22E12.2	0	1	0	0	0	0	NON_CORE
Y41C4A.14	F32B6.5	1	0	0	0	0	0	CORE_2
Y41C4A.14	F32D1.1	1	0	0	0	0	0	CORE_2
Y41C4A.14	F41G4.4	0	1	0	0	0	0	NON_CORE
Y41C4A.14	F44D12.1	1	1	0	0	0	0	CORE_2
Y41C4A.14	F44D12.1	1	1	0	0	0	0	SCAFFOLD
Y41C4A.14	F44G3.9	0	1	0	0	0	0	NON_CORE
Y41C4A.14	F47D12.5	0	1	0	0	0	0	NON_CORE
Y41C4A.14	F49E12.9	0	1	0	0	0	0	NON_CORE
Y41C4A.14	F53G12.11	0	1	0	0	0	0	NON_CORE
Y41C4A.14	F57B10.10	0	1	0	0	0	0	NON_CORE
Y41C4A.14	H02I12.5	1	3	0	0	0	0	CORE_1
Y41C4A.14	H26D21.1	1	1	0	0	1	0	CORE_2
Y41C4A.14	H26D21.1	1	1	0	0	1	0	LITERATURE
Y41C4A.14	H26D21.1	1	1	0	0	1	0	SCAFFOLD
Y41C4A.14	K06A4.5	1	0	0	0	0	0	SCAFFOLD
Y41C4A.14	K10B4.4	0	1	0	0	0	0	NON_CORE
Y41C4A.14	K10B4.6	0	1	0	0	0	0	NON_CORE
Y41C4A.14	R08A2.2	0	1	0	0	0	0	NON_CORE
Y41C4A.14	R11E3.1	0	1	0	0	0	0	NON_CORE
Y41C4A.14	T01C3.3	2	0	0	0	0	0	CORE_2
Y41C4A.14	T05C12.7	1	0	0	0	0	0	SCAFFOLD
Y41C4A.14	T06C12.13	0	1	0	0	0	0	NON_CORE
Y41C4A.14	T07E3.5	0	1	0	0	0	0	NON_CORE
Y41C4A.14	T09A5.12	0	1	0	0	0	0	NON_CORE
Y41C4A.14	T12G3.1	1	0	0	0	0	0	CORE_2
Y41C4A.14	T15B7.12	0	1	0	0	0	0	NON_CORE
Y41C4A.14	T20B12.2	0	1	0	0	0	0	NON_CORE
Y41C4A.14	T22B3.3	0	1	0	0	0	0	NON_CORE
Y41C4A.14	T23F11.2	0	1	0	0	0	0	NON_CORE
Y41C4A.14	T25C8.2	1	0	0	0	0	0	NON_CORE
Y41C4A.14	W02D7.5	0	1	0	0	0	0	NON_CORE
Y41C4A.14	W03D2.4	4	0	0	0	0	0	CORE_1
Y41C4A.14	W06A11.3	0	1	0	0	0	0	NON_CORE
Y41C4A.14	W07G1.5	0	2	0	0	0	0	CORE_2
Y41C4A.14	W10G6.3	1	0	0	0	0	0	CORE_2
Y41C4A.14	Y32B12A.3	0	1	0	0	0	0	NON_CORE
Y41C4A.14	Y38A10A.5	1	0	0	0	0	0	SCAFFOLD
Y41C4A.14	Y38A8.2	1	0	0	0	0	0	SCAFFOLD
Y41C4A.14	Y39A1A.23	1	0	0	0	0	0	SCAFFOLD
Y41C4A.14	Y43F11A.5	1	0	0	0	0	0	SCAFFOLD
Y41C4A.14	Y43F4B.5	0	1	0	0	0	0	NON_CORE
Y41C4A.14	Y45F10B.3	0	1	0	0	0	0	NON_CORE
Y41C4A.14	Y45G12B.2	1	0	0	0	0	0	CORE_2
Y41C4A.14	Y54G11A.11	0	1	0	0	0	0	NON_CORE
Y41C4A.14	Y67A10A.7	0	1	0	0	0	0	NON_CORE
Y41C4A.14	ZC239.8	0	1	0	0	0	0	NON_CORE
Y41C4A.14	ZC477.2	0	1	0	0	0	0	NON_CORE
Y41C4A.14	ZK632.7	4	0	0	0	0	0	CORE_1
Y41C4A.14	ZK688.3	0	1	0	0	0	0	NON_CORE
Y41C4A.14	ZK856.1	0	1	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

Y41D4B.13	C02F4.1	0	0	0	0	1	0	LITERATURE
Y43B11AR.3	C32F10.6	0	1	0	0	0	0	CORE_2
Y43B11AR.3	Y82E9BR.3	1	0	0	0	0	0	NON_CORE
Y43B11AR.4	C23G10.3	0	0	0	0	0	1	INTEROLOG
Y43B11AR.4	C49H3.11	0	0	0	0	0	1	INTEROLOG
Y43B11AR.4	F36A2.6	0	0	0	0	0	1	INTEROLOG
Y43B11AR.4	F53A3.3	0	0	0	0	0	1	INTEROLOG
Y43C5A.6	C14B9.1	0	1	0	0	0	0	NON_CORE
Y43C5A.6	C30A5.2	1	0	0	0	0	0	SCAFFOLD
Y43C5A.6	F29B9.6	1	0	0	0	0	0	SCAFFOLD
Y43C5A.6	W06D4.6	1	0	0	0	0	0	SCAFFOLD
Y43C5A.6	Y116A8C.13	1	0	0	0	0	0	SCAFFOLD
Y43C5A.6	Y43C5A.6	1	35	0	0	0	0	CORE_1
Y43C5A.6	Y43C5A.6	1	35	0	0	0	0	SCAFFOLD
Y43C5B.2	C32F10.6	0	1	0	0	0	0	NON_CORE
Y43E12A.1	T05G5.3	0	0	0	0	0	1	INTEROLOG
Y43E12A.1	Y45F10A.2	0	0	1	0	0	0	SCAFFOLD
Y43F4B.5	C38D4.6	2	0	0	0	0	0	CORE_2
Y43F4B.5	H02I12.5	1	0	0	0	0	0	NON_CORE
Y43F4B.5	K04D7.1	1	0	0	0	0	0	NON_CORE
Y43F4B.6	T23G5.3	0	1	0	0	0	0	NON_CORE
Y44F5A.1	W02G9.2	1	0	0	0	0	0	NON_CORE
Y44F5A.1	ZK669.4	1	0	0	0	0	0	CORE_2
Y45F10A.2	Y43E12A.1	0	0	1	0	0	0	SCAFFOLD
Y45F10A.2	ZC168.4	0	0	8	0	0	0	SCAFFOLD
Y45F10D.12	M01F1.2	0	0	0	0	0	1	INTEROLOG
Y45F10D.7	B0280.9	0	0	0	0	0	1	INTEROLOG
Y46G5A.24	W02G9.2	1	0	0	0	0	0	CORE_2
Y46G5A.24	Y79H2A.1	4	0	0	0	0	0	CORE_1
Y46G5A.4	Y59A8B.6	0	0	0	0	0	1	INTEROLOG
Y47D3A.26	F18E2.3	0	0	0	0	0	1	INTEROLOG
Y47D3A.26	F28B3.7	0	0	0	0	0	1	INTEROLOG
Y47D3A.26	K08A8.3	0	0	0	0	0	1	INTEROLOG
Y47D3A.27	F17C11.9	2	0	0	0	0	0	CORE_2
Y47D3A.27	F49C12.14	1	0	0	0	0	0	NON_CORE
Y47D3A.27	M60.2	1	0	0	0	0	0	NON_CORE
Y47D3A.27	ZK652.4	1	0	0	0	0	0	NON_CORE
Y47D3A.29	F55A3.3	0	0	0	0	0	1	INTEROLOG
Y47D3A.29	R01H10.1	0	0	0	0	0	1	INTEROLOG
Y47D3A.29	T20B12.8	0	0	0	0	0	1	INTEROLOG
Y47D3A.4	R07E5.8	1	0	0	0	0	0	SCAFFOLD
Y47D3B.10	C07A12.4	0	0	0	0	2	0	LITERATURE
Y47D7A.1	C35D10.2	1	0	0	0	0	0	NON_CORE
Y47D7A.1	F55C9.11	0	1	0	0	0	0	CORE_2
Y47G6A.11	H26D21.2	1	0	0	0	0	0	SCAFFOLD
Y47G6A.6	F32A5.1	0	0	0	0	0	1	INTEROLOG
Y47G6A.6	W09B6.2	0	0	0	0	0	1	INTEROLOG
Y47G6A.8	F55B11.1	1	0	0	0	0	0	SCAFFOLD
Y48A6B.3	F44E7.4	0	0	0	0	0	1	INTEROLOG
Y48B6A.2	K11H12.2	0	0	0	0	0	1	INTEROLOG
Y48E1A.1	C15H11.8	0	0	0	0	0	1	INTEROLOG
Y48E1A.1	F26F4.11	0	0	0	0	0	1	INTEROLOG
Y48E1A.1	F58A4.9	0	0	0	0	0	1	INTEROLOG
Y48E1A.1	H27M09.2	0	0	0	0	0	1	INTEROLOG
Y48E1A.1	Y37E3.3	0	0	0	0	0	1	INTEROLOG
Y48E1B.10	Y18D10A.5	0	1	0	0	0	0	NON_CORE
Y48E1B.13	B0511.6	1	0	0	0	0	0	NON_CORE
Y48E1B.13	C54G10.3	1	0	0	0	0	0	NON_CORE
Y48E1B.13	F18E2.3	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

Y48E1B.13	F46H5.7	1	0	0	0	0	0	NON_CORE
Y48E1B.13	F54D7.2	1	0	0	0	0	0	NON_CORE
Y48E1B.13	H06O01.3	1	0	0	0	0	0	NON_CORE
Y48E1B.13	R13A5.12	1	0	0	0	0	0	NON_CORE
Y48G1C.1	F45D3.4	1	0	0	0	0	0	NON_CORE
Y48G1C.1	F59A2.3	38	0	0	0	0	0	CORE_1
Y48G1C.1	R151.2	1	0	0	0	0	0	CORE_2
Y48G1C.1	Y37E11AR.2	1	0	0	0	0	0	CORE_2
Y48G8AL.6	H19N07.1	0	0	0	0	0	1	INTEROLOG
Y48G8AL.6	T05H4.6	0	0	0	0	0	1	INTEROLOG
Y48G8AL.6	T25G3.3	0	0	0	0	0	1	INTEROLOG
Y48G8AL.6	Y73B6BL.18	0	0	0	0	0	1	INTEROLOG
Y48G8AL.8	F28C6.7	0	0	0	0	0	1	INTEROLOG
Y48G8AL.8	T24B8.1	0	0	0	0	0	1	INTEROLOG
Y48G8AL.8	ZK652.4	0	0	0	0	0	1	INTEROLOG
Y48G9A.1	F42A10.1	0	0	0	0	0	1	INTEROLOG
Y49E10.15	Y59A8B.6	0	0	0	0	0	1	INTEROLOG
Y49E10.15	ZK1098.2	1	0	0	0	0	0	NON_CORE
Y49E10.1	C48D5.1	2	0	0	0	0	0	SCAFFOLD
Y49E10.1	F10G7.8	0	0	0	0	0	1	INTEROLOG
Y49E10.1	F57B9.10	0	0	0	0	0	1	INTEROLOG
Y49E10.1	K07D4.3	0	0	0	0	0	1	INTEROLOG
Y49E10.1	T28C6.7	1	0	0	0	0	0	SCAFFOLD
Y49E10.1	Y113G7A.6	1	0	0	0	0	0	SCAFFOLD
Y49E10.1	ZK20.3	0	0	0	0	0	1	INTEROLOG
Y49E10.1	ZK20.5	0	0	0	0	0	1	INTEROLOG
Y49E10.6	T24H10.3	1	0	0	0	0	0	CORE_2
Y49F6C.3	B0272.4	3	0	0	0	0	0	CORE_1
Y49F6C.3	C45E5.6	1	14	0	0	0	0	CORE_1
Y49F6C.3	F58A4.3	1	0	0	0	0	0	NON_CORE
Y49F6C.3	M02D8.4	1	0	0	0	0	0	CORE_2
Y50D7A.2	F53G2.7	0	0	0	0	0	1	INTEROLOG
Y50D7A.2	Y39G10AL.3	0	0	0	0	0	1	INTEROLOG
Y50E8A.9	C39D10.7	1	0	0	0	0	0	CORE_2
Y50E8A.9	F37C4.5	2	1	0	0	0	0	CORE_1
Y50E8A.9	R02F2.5	0	41	0	0	0	0	CORE_1
Y50E8A.9	Y79H2A.1	1	0	0	0	0	0	CORE_2
Y51A2D.13	F56D12.6	0	1	0	0	0	0	NON_CORE
Y51A2D.13	F58F9.4	0	1	0	0	0	0	NON_CORE
Y51H4A.17	B0041.4	2	0	0	0	0	0	CORE_2
Y51H4A.17	B0547.1	1	0	0	0	0	0	CORE_2
Y51H4A.17	C06A6.2	2	0	0	0	0	0	CORE_2
Y51H4A.17	C09B8.6	4	0	0	0	0	0	CORE_1
Y51H4A.17	C09D4.5	1	0	0	0	0	0	NON_CORE
Y51H4A.17	C09G5.5	1	0	0	0	0	0	NON_CORE
Y51H4A.17	C38D4.6	1	0	0	0	0	0	CORE_2
Y51H4A.17	F37C4.5	1	0	0	0	0	0	CORE_2
Y51H4A.17	F43E2.8	1	0	0	0	0	0	NON_CORE
Y51H4A.17	F53G12.10	1	0	0	0	0	0	NON_CORE
Y51H4A.17	T08G11.4	1	0	0	0	0	0	NON_CORE
Y51H4A.17	T11B7.4	40	0	0	0	0	0	CORE_1
Y51H4A.17	T22G5.5	1	0	0	0	0	0	NON_CORE
Y51H4A.17	Y51H4A.17	3	0	0	0	0	0	CORE_1
Y51H4A.17	Y77E11A.2	1	0	0	0	0	0	NON_CORE
Y51H4A.17	ZC155.1	1	0	0	0	0	0	NON_CORE
Y51H4A.17	ZK973.10	1	0	0	0	0	0	NON_CORE
Y51H4A.25	ZK455.1	1	0	0	0	0	0	NON_CORE
Y51H4A.3	F46H6.1	0	0	0	0	0	1	INTEROLOG
Y51H4A.3	F57F5.5	0	0	0	0	0	1	INTEROLOG

Table S5. WI5 interactions list

Y51H4A.8	C03G6.17	0	1	0	0	0	0	NON_CORE
Y51H4A.8	C32F10.6	0	1	0	0	0	0	CORE_2
Y51H4A.8	C35B8.1	1	0	0	0	0	0	NON_CORE
Y51H4A.8	C38D4.6	1	0	0	0	0	0	CORE_2
Y51H4A.8	F21H11.2	2	0	0	0	0	0	CORE_2
Y51H4A.8	F36G9.11	1	0	0	0	0	0	CORE_2
Y51H4A.8	F47H4.1	0	1	0	0	0	0	NON_CORE
Y51H4A.8	F54H5.4	0	1	0	0	0	0	NON_CORE
Y51H4A.8	H10E21.4	0	1	0	0	0	0	NON_CORE
Y51H4A.8	M117.2	2	0	0	0	0	0	CORE_2
Y51H4A.8	R11E3.7	0	1	0	0	0	0	NON_CORE
Y51H4A.8	T28F4.4	1	0	0	0	0	0	NON_CORE
Y51H4A.8	W06A7.3	1	0	0	0	0	0	NON_CORE
Y51H4A.8	Y104H12A.1	1	0	0	0	0	0	NON_CORE
Y51H4A.8	Y113G7B.23	10	57	0	0	0	0	CORE_1
Y51H4A.8	Y52B11C.1	0	1	0	0	0	0	NON_CORE
Y51H4A.8	ZK546.8	0	1	0	0	0	0	CORE_2
Y52E8A.3	W02G9.2	1	0	0	0	0	0	CORE_2
Y53C12A.1	C34E10.5	0	0	0	0	0	1	INTEROLOG
Y53C12A.1	C55B7.9	0	1	0	0	0	0	NON_CORE
Y53C12A.1	F13D12.3	0	1	0	0	0	0	NON_CORE
Y53C12A.1	Y49F6B.10	0	1	0	0	0	0	NON_CORE
Y53C12A.1	Y87G2A.14	0	1	0	0	0	0	NON_CORE
Y53C12A.2	C17E4.6	1	0	0	0	0	0	NON_CORE
Y53C12A.2	F28C1.1	1	0	0	0	0	0	NON_CORE
Y53F4B.22	H20J04.5	2	0	0	0	0	0	CORE_2
Y53F4B.22	Y105C5B.14	0	1	0	0	0	0	NON_CORE
Y53F4B.33	F54B11.6	0	1	0	0	0	0	CORE_2
Y53F4B.33	T23G5.1	0	1	0	0	0	0	NON_CORE
Y53G8B.1	C48D5.1	0	1	0	0	0	0	NON_CORE
Y53H1A.2	W10D9.4	0	0	0	0	0	1	INTEROLOG
Y54E10A.5	ZK112.2	1	0	0	0	0	0	NON_CORE
Y54E10A.6	F52E1.2	0	1	0	0	0	0	NON_CORE
Y54E10A.6	K02F2.2	1	0	0	0	0	0	NON_CORE
Y54E10A.6	Y73C8C.4	0	1	0	0	0	0	NON_CORE
Y54E10BL.6	F13B9.5	0	0	0	0	1	0	LITERATURE
Y54E10BL.6	F43C1.2	0	0	0	0	2	0	LITERATURE
Y54E10BL.6	F58D5.4	0	0	0	0	2	0	LITERATURE
Y54E10BL.6	T11B7.4	1	0	0	0	0	0	SCAFFOLD
Y54E10BR.6	F36A4.7	0	0	0	0	0	1	INTEROLOG
Y54E10BR.6	H27M09.2	0	0	0	0	0	1	INTEROLOG
Y54E2A.11	C27D11.1	0	0	0	0	0	1	INTEROLOG
Y54E2A.11	T23D8.4	0	0	0	0	0	1	INTEROLOG
Y54E2A.11	T27F7.3	0	0	0	0	0	1	INTEROLOG
Y54E2A.11	Y74C10AR.1	0	0	0	0	0	1	INTEROLOG
Y54E5A.1	M04G7.2	0	1	0	0	0	0	NON_CORE
Y54E5A.1	T18D3.7	1	0	0	0	0	0	CORE_2
Y54E5A.1	Y43F11A.2	1	0	0	0	0	0	CORE_2
Y54E5A.1	Y43F11A.5	2	0	0	0	0	0	CORE_2
Y54E5B.3	C36B1.3	0	0	0	0	0	1	INTEROLOG
Y54E5B.3	C38C10.5	0	0	0	0	0	1	INTEROLOG
Y54E5B.3	Y57E12AL.5	0	0	0	0	0	1	INTEROLOG
Y54F10BM.2	H06H21.3	0	0	0	0	0	1	INTEROLOG
Y54G11A.10	F17E5.1	0	0	0	1	0	0	SCAFFOLD
Y54G11A.10	F39C12.2	1	0	0	0	0	0	SCAFFOLD
Y54G11A.7	F49C12.8	1	0	0	0	0	0	NON_CORE
Y54G11A.7	Y75B8A.32	0	1	0	0	0	0	NON_CORE
Y54G2A.31	C35B1.1	1	0	0	0	0	0	SCAFFOLD
Y54G2A.31	F39B2.2	1	0	0	0	0	0	SCAFFOLD

Table S5. WI5 interactions list

Y54G9A.4	C34G6.7	1	0	0	0	0	0	NON_CORE
Y54G9A.4	T06E6.2	1	0	0	0	0	0	NON_CORE
Y54G9A.6	B0035.1	16	0	0	0	0	0	CORE_1
Y54G9A.6	E02D9.1	1	0	0	0	0	0	NON_CORE
Y54G9A.6	F10G7.9	5	0	0	0	0	0	CORE_1
Y54G9A.6	F36D1.1	4	0	0	0	0	0	CORE_1
Y54G9A.6	K12H4.7	1	0	0	0	0	0	NON_CORE
Y54G9A.6	R02F11.1	1	0	0	0	0	0	NON_CORE
Y54G9A.6	R06C7.8	1	0	0	0	0	0	CORE_2
Y54G9A.6	R13A5.8	1	0	0	0	0	0	NON_CORE
Y54G9A.6	Y53C10A.6	2	0	0	0	0	0	CORE_2
Y54G9A.6	Y57G11C.9	1	0	0	0	0	0	CORE_2
Y54G9A.6	ZC328.4	18	21	0	0	0	0	CORE_1
Y54G9A.6	ZK328.5	3	0	0	0	0	0	CORE_1
Y54H5A.1	F44C8.8	0	1	0	0	0	0	NON_CORE
Y55B1BR.3	C13F10.7	0	16	0	0	0	0	CORE_1
Y55F3AM.10	T04D1.3	0	2	0	0	0	0	CORE_2
Y55F3AM.10	T05G5.6	9	0	0	0	0	0	CORE_1
Y55F3AM.15	C38D4.6	1	0	0	0	0	0	CORE_2
Y55F3AM.15	K08F11.3	13	0	0	0	0	0	CORE_1
Y55F3AM.15	Y62E10A.16	1	0	0	0	0	0	CORE_2
Y56A3A.1	F57B9.2	0	0	0	0	0	1	INTEROLOG
Y56A3A.1	T13F2.8	0	0	0	0	0	10	SCAFFOLD
Y56A3A.20	C07H6.5	0	0	0	0	0	1	INTEROLOG
Y56A3A.20	C38D4.6	1	0	0	0	0	0	NON_CORE
Y56A3A.20	F57B9.2	0	0	0	0	0	1	INTEROLOG
Y56A3A.20	T12B3.4	0	0	0	0	0	1	INTEROLOG
Y56A3A.20	T12D8.2	1	0	0	0	0	0	NON_CORE
Y56A3A.20	ZC518.3	0	0	0	0	0	1	INTEROLOG
Y56A3A.21	C23G10.3	1	0	0	0	0	0	NON_CORE
Y56A3A.21	C23H5.8	1	0	0	0	0	0	CORE_2
Y56A3A.21	F44G3.9	0	1	0	0	0	0	NON_CORE
Y56A3A.21	R05F9.10	10	4	0	0	0	0	CORE_1
Y56A3A.32	C41D11.8	0	0	0	0	1	0	LITERATURE
Y57A10A.16	K08H10.9	0	0	0	0	0	1	INTEROLOG
Y57A10A.16	W05H7.3	0	0	0	0	0	1	INTEROLOG
Y57A10A.23	R05D8.8	1	0	0	0	0	0	NON_CORE
Y57A10A.25	F32E10.4	1	0	0	0	0	0	CORE_2
Y57A10C.6	B0238.12	0	1	0	0	0	0	NON_CORE
Y57A10C.6	C34C6.6	0	4	0	0	0	0	CORE_1
Y57A10C.6	CC8.1	0	11	0	0	0	0	CORE_1
Y57A10C.6	K08H2.6	0	1	0	0	0	0	NON_CORE
Y57A10C.6	T11B7.2	0	1	0	0	0	0	NON_CORE
Y57A10C.6	T27E9.1	0	1	0	0	0	0	NON_CORE
Y57A10C.6	Y48C3A.16	0	1	0	0	0	0	NON_CORE
Y57G11C.12	W08G11.3	1	0	0	0	0	0	NON_CORE
Y57G11C.16	C23G10.3	0	0	0	0	0	1	INTEROLOG
Y57G11C.16	C49H3.11	0	0	0	0	0	1	INTEROLOG
Y57G11C.16	F36A2.6	0	0	0	0	0	1	INTEROLOG
Y57G11C.16	T05E11.1	0	0	0	0	0	1	INTEROLOG
Y57G11C.16	Y105E8A.16	0	0	0	0	0	1	INTEROLOG
Y57G11C.24	F59A6.6	0	1	0	0	0	0	NON_CORE
Y57G11C.24	W05H7.4	0	2	0	0	0	0	CORE_2
Y57G11C.4	B0361.10	0	0	0	0	0	1	INTEROLOG
Y57G11C.4	D1014.3	0	0	0	0	0	1	INTEROLOG
Y57G11C.4	F55A11.2	0	0	0	0	0	1	INTEROLOG
Y57G7A.10	F25H2.4	4	1	0	0	0	0	CORE_1
Y59A8A.1	B0025.2	6	0	0	0	0	0	CORE_1
Y59A8A.1	Y38C1AA.2	4	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

Y59E9AR.5	F26B1.3	2	0	0	0	0	0	CORE_2
Y59E9AR.5	H02I12.5	1	0	0	0	0	0	CORE_2
Y59E9AR.5	R148.5	1	0	0	0	0	0	CORE_2
Y59E9AR.5	Y57A10B.6	4	4	0	0	0	0	CORE_1
Y59E9AR.5	Y79H2A.1	1	0	0	0	0	0	CORE_2
Y59H11AM.3	F25H5.4	1	0	0	0	0	0	NON_CORE
Y5H2B.2	K10C3.6	9	1	0	0	0	0	CORE_1
Y60A3A.13	T08B2.9	0	0	0	0	0	1	INTEROLOG
Y62E10A.12	F28F8.3	0	0	0	0	0	1	INTEROLOG
Y62E10A.12	F32A5.7	0	0	0	0	0	1	INTEROLOG
Y62E10A.12	F40F8.9	0	0	0	0	0	1	INTEROLOG
Y62E10A.12	T10G3.6	0	0	0	0	0	1	INTEROLOG
Y62E10A.12	Y39G8C.1	0	0	0	0	0	1	INTEROLOG
Y62E10A.12	Y71G12B.14	0	0	0	0	0	1	INTEROLOG
Y62E10A.16	C27B7.4	0	35	0	0	0	0	CORE_1
Y62E10A.16	F07A11.2	0	1	0	0	0	0	NON_CORE
Y62E10A.16	F15C11.2	0	1	0	0	0	0	CORE_2
Y62E10A.16	F22H10.3	0	1	0	0	0	0	NON_CORE
Y62E10A.16	F25H5.3	0	1	0	0	0	0	NON_CORE
Y62E10A.16	F41C6.6	0	1	0	0	0	0	CORE_2
Y62E10A.16	T10C6.11	0	1	0	0	0	0	NON_CORE
Y62E10A.16	T28F12.2	0	2	0	0	0	0	CORE_2
Y62E10A.16	Y62E10A.16	0	72	0	0	0	0	CORE_1
Y62E10A.8	F14D2.12	1	0	0	0	0	0	CORE_2
Y63D3A.4	B0547.1	2	0	0	0	0	0	CORE_2
Y63D3A.4	C05D11.11	2	0	0	0	0	0	CORE_2
Y63D3A.4	C27H6.3	2	0	0	0	0	0	CORE_2
Y63D3A.4	C43H6.7	1	0	0	0	0	0	NON_CORE
Y63D3A.4	C47E8.5	1	0	0	0	0	0	NON_CORE
Y63D3A.4	F23H12.4	1	0	0	0	0	0	NON_CORE
Y63D3A.4	F41G3.14	1	0	0	0	0	0	CORE_2
Y63D3A.4	F42C5.8	2	0	0	0	0	0	NON_CORE
Y63D3A.4	F42G8.12	1	0	0	0	0	0	NON_CORE
Y63D3A.4	F46F5.15	0	1	0	0	0	0	NON_CORE
Y63D3A.4	F47F6.2	11	0	0	0	0	0	CORE_1
Y63D3A.4	F53F4.11	1	0	0	0	0	0	NON_CORE
Y63D3A.4	H28G03.2	5	0	0	0	0	0	CORE_1
Y63D3A.4	R02F2.5	0	11	0	0	0	0	CORE_1
Y63D3A.4	T11B7.4	1	0	0	0	0	0	CORE_2
Y63D3A.4	Y22F5A.5	1	0	0	0	0	0	NON_CORE
Y63D3A.4	Y48A6B.9	1	0	0	0	0	0	CORE_2
Y63D3A.4	Y51F10.2	2	0	0	0	0	0	CORE_2
Y63D3A.4	Y53F4B.33	1	0	0	0	0	0	NON_CORE
Y63D3A.4	Y57A10A.8	8	26	0	0	0	0	CORE_1
Y63D3A.4	Y77E11A.7	87	12	0	0	0	0	CORE_1
Y63D3A.4	ZK40.1	1	0	0	0	0	0	NON_CORE
Y63D3A.6	C15H9.6	0	0	0	0	0	1	INTEROLOG
Y65B4A.1	F11A10.2	0	0	0	0	0	1	INTEROLOG
Y65B4A.7	B0024.14	0	3	0	0	0	0	CORE_1
Y65B4A.7	C39D10.7	2	0	0	0	0	0	CORE_2
Y65B4A.7	F30H5.3	2	0	0	0	0	0	NON_CORE
Y65B4A.7	F35A5.4	1	0	0	0	0	0	NON_CORE
Y65B4A.7	F46F11.7	1	0	0	0	0	0	NON_CORE
Y65B4A.7	R02F11.1	2	0	0	0	0	0	NON_CORE
Y65B4A.7	T21B6.3	4	0	0	0	0	0	CORE_1
Y65B4A.7	T22A3.3	2	0	0	0	0	0	CORE_2
Y65B4A.7	Y102A5C.18	1	0	0	0	0	0	NON_CORE
Y65B4A.7	Y69H2.3	1	4	0	0	0	0	CORE_1
Y65B4BR.5	C02B8.3	0	1	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

Y65B4BR.5	C56C10.8	0	6	0	0	0	0	CORE_1
Y65B4BR.5	CC8.1	0	1	0	0	0	0	CORE_2
Y65B4BR.5	F49E8.7	0	5	0	0	0	0	CORE_1
Y65B4BR.5	Y65B4BR.5	0	2	0	0	0	0	CORE_2
Y66H1A.4	C25A1.6	0	0	0	0	0	1	INTEROLOG
Y66H1A.4	F44E7.4	0	0	0	0	0	1	INTEROLOG
Y66H1A.4	Y48A6B.3	0	0	0	0	0	1	INTEROLOG
Y67H2A.1	F32D1.9	0	0	0	0	0	1	INTEROLOG
Y67H2A.1	Y32F6A.3	0	0	0	0	0	1	INTEROLOG
Y67H2A.1	Y76B12C.7	0	0	0	0	0	1	INTEROLOG
Y69A2AR.18	H28O16.1	0	0	0	0	0	1	INTEROLOG
Y69A2AR.2	C26C6.2	3	0	0	0	0	0	CORE_1
Y69A2AR.2	C31C9.2	1	0	0	0	0	0	CORE_2
Y69A2AR.2	C48D5.1	3	0	0	0	0	0	CORE_1
Y69A2AR.2	F23B12.5	1	0	0	0	0	0	CORE_2
Y69A2AR.2	F31E3.5	1	0	0	0	0	0	NON_CORE
Y69A2AR.2	F33C8.3	1	0	0	0	0	0	NON_CORE
Y69A2AR.2	M04G12.1	2	0	0	0	0	0	CORE_2
Y69A2AR.2	Y39B6A.20	1	0	0	0	0	0	NON_CORE
Y69A2AR.2	Y57G11C.16	1	0	0	0	0	0	NON_CORE
Y69A2AR.2	Y77E11A.5	1	0	0	0	0	0	NON_CORE
Y69A2AR.30	B0511.8	1	0	0	0	0	0	NON_CORE
Y69A2AR.30	B0547.1	1	0	0	0	0	0	NON_CORE
Y69A2AR.30	C04C3.3	3	0	0	0	0	0	CORE_1
Y69A2AR.30	C06A8.1	1	0	0	0	0	0	CORE_2
Y69A2AR.30	C50E10.4	1	0	0	0	0	0	CORE_2
Y69A2AR.30	C50F4.11	1	0	0	0	2	0	LITERATURE
Y69A2AR.30	C50F4.11	1	0	0	0	2	0	NON_CORE
Y69A2AR.30	D2030.9	1	0	0	0	0	0	NON_CORE
Y69A2AR.30	F10E9.3	2	0	0	0	0	0	CORE_2
Y69A2AR.30	F23B12.5	1	0	0	0	0	0	NON_CORE
Y69A2AR.30	F23H12.5	1	0	0	0	0	0	NON_CORE
Y69A2AR.30	F29G9.2	9	0	0	0	0	0	CORE_1
Y69A2AR.30	F44C4.3	1	0	0	0	0	0	NON_CORE
Y69A2AR.30	H05C05.2	1	0	0	0	0	0	CORE_2
Y69A2AR.30	K07C11.2	1	0	0	0	0	0	NON_CORE
Y69A2AR.30	M04G12.1	1	0	0	0	0	0	NON_CORE
Y69A2AR.30	T02C12.1	1	0	0	0	0	0	NON_CORE
Y69A2AR.30	T05G5.6	2	0	0	0	0	0	CORE_2
Y69A2AR.30	T19B4.5	1	0	0	0	0	0	NON_CORE
Y69A2AR.30	T20B12.2	1	0	0	0	0	0	CORE_2
Y69A2AR.30	W02G9.2	6	0	0	0	0	0	CORE_1
Y69A2AR.30	Y37E3.11	1	0	0	0	0	0	CORE_2
Y69A2AR.30	Y38C1AA.4	1	0	0	0	0	0	CORE_2
Y69A2AR.30	Y39G10AR.10	2	0	0	0	0	0	CORE_2
Y6D11A.2	C35D10.16	0	0	0	0	0	1	INTEROLOG
Y6D11A.2	K07C5.1	0	0	0	0	0	1	INTEROLOG
Y6D11A.2	M01B12.3	0	0	0	0	0	1	INTEROLOG
Y6D11A.2	Y37D8A.1	0	0	0	0	0	1	INTEROLOG
Y6D11A.2	Y71F9AL.16	0	0	0	0	0	1	INTEROLOG
Y71F9AL.13	B0250.1	0	0	0	0	0	1	INTEROLOG
Y71F9AL.13	F28C6.7	0	0	0	0	0	1	INTEROLOG
Y71F9AL.13	F54C9.5	0	0	0	0	0	1	INTEROLOG
Y71F9AL.13	Y37E3.8	0	0	0	0	0	1	INTEROLOG
Y71F9AL.13	ZK652.4	0	0	0	0	0	1	INTEROLOG
Y71F9AL.16	K07C5.1	0	0	0	0	0	1	INTEROLOG
Y71F9AL.16	M01B12.3	0	0	0	0	0	1	INTEROLOG
Y71F9AL.5	W02G9.2	1	0	0	0	0	0	NON_CORE
Y71G12B.14	T10G3.6	0	0	0	0	0	1	INTEROLOG

Table S5. WI5 interactions list

Y71G12B.27	C27A2.3	6	0	0	0	0	0	CORE_1
Y71G12B.27	CC8.1	0	3	0	0	0	0	CORE_1
Y71G12B.27	F14B6.3	0	2	0	0	0	0	CORE_2
Y71G12B.27	F42D1.2	0	6	0	0	0	0	CORE_1
Y71G12B.27	F44G3.9	0	2	0	0	0	0	CORE_2
Y71G12B.27	F54C9.5	1	0	0	0	0	0	NON_CORE
Y71G12B.27	K01G5.5	1	0	0	0	0	0	NON_CORE
Y71G12B.27	K06H7.6	0	2	0	0	0	0	CORE_2
Y71G12B.27	R06F6.8	4	0	0	0	0	0	CORE_1
Y71G12B.27	Y23H5A.5	0	2	0	0	0	0	CORE_2
Y71G12B.27	Y54E10A.9	0	1	0	0	0	0	NON_CORE
Y71G12B.27	ZK1058.1	1	0	0	0	0	0	NON_CORE
Y71G12B.27	ZK370.8	1	0	0	0	0	0	NON_CORE
Y71G12B.27	ZK632.2	1	0	0	0	0	0	CORE_2
Y71G12B.27	ZK637.5	2	0	0	0	0	0	CORE_2
Y71H10A.2	F17E9.5	0	1	0	0	0	0	CORE_2
Y71H2B.10	Y39B6A.37	0	14	0	0	0	0	CORE_1
Y71H2B.3	F38H4.9	0	0	0	0	0	1	INTEROLOG
Y71H2B.6	F57C12.2	1	0	0	0	0	0	CORE_2
Y73B6A.5	C38D4.6	7	0	0	0	0	0	CORE_1
Y73B6A.5	F23H12.2	1	0	0	0	0	0	NON_CORE
Y73B6A.5	F47F6.8	1	0	0	0	0	0	NON_CORE
Y73B6A.5	H21P03.3	1	0	0	0	0	0	NON_CORE
Y73B6A.5	K02F2.2	1	0	0	0	0	0	NON_CORE
Y73B6A.5	K07A12.2	1	0	0	0	0	0	NON_CORE
Y73B6A.5	M01F1.2	1	0	0	0	0	0	NON_CORE
Y73B6A.5	R02F2.1	2	0	0	0	0	0	CORE_2
Y73B6BL.3	B0564.1	0	0	0	0	0	1	INTEROLOG
Y73B6BL.3	F37C12.13	0	0	0	0	0	1	INTEROLOG
Y74C10AR.1	C27D11.1	0	0	0	0	0	1	INTEROLOG
Y74C10AR.1	F22B5.2	0	0	0	0	0	1	INTEROLOG
Y74C10AR.1	T23D8.4	0	0	0	0	0	1	INTEROLOG
Y75B8A.12	C04C3.5	0	1	0	0	0	0	CORE_2
Y75B8A.14	C34E10.2	0	3	0	0	0	0	CORE_1
Y75B8A.14	C34G6.3	0	1	0	0	0	0	NON_CORE
Y75B8A.2	F57G12.2	0	1	0	0	0	0	CORE_2
Y75B8A.2	Y45F10D.12	1	0	0	0	0	0	NON_CORE
Y75B8A.2	Y48G8AL.8	1	0	0	0	0	0	NON_CORE
Y75B8A.30	C28H8.12	3	0	0	0	0	0	CORE_1
Y75B8A.30	EEED8.3	5	0	0	0	0	0	CORE_1
Y75B8A.30	F10C1.2	2	0	0	0	0	0	CORE_2
Y75B8A.30	F25B3.5	1	0	0	0	0	0	NON_CORE
Y75B8A.30	W10G11.20	4	0	0	0	0	0	CORE_1
Y75B8A.30	Y53F4B.22	8	0	0	0	0	0	CORE_1
Y75B8A.30	Y54E10A.2	1	0	0	0	0	0	CORE_2
Y75B8A.30	Y71H2B.3	11	0	0	0	0	0	CORE_1
Y75B8A.7	C48B6.2	0	0	0	0	0	1	INTEROLOG
Y76A2B.5	F49E8.4	0	2	0	0	0	0	CORE_2
Y76A2B.5	F52E4.1	5	0	0	0	0	0	CORE_1
Y76A2B.5	F54F2.5	0	1	0	0	0	0	CORE_2
Y76A2B.5	R03D7.1	4	0	0	0	0	0	CORE_1
Y76A2B.5	W07B8.5	1	0	0	0	0	0	NON_CORE
Y76A2B.5	ZK863.4	1	0	0	0	0	0	NON_CORE
Y76B12C.2	ZK20.3	0	0	0	0	0	1	INTEROLOG
Y77E11A.13	T01G1.3	0	0	0	0	0	1	INTEROLOG
Y77E11A.13	Y43F4B.4	0	0	0	0	0	1	INTEROLOG
Y79H2A.11	B0336.7	1	0	0	0	0	0	CORE_2
Y79H2A.11	C18D11.4	0	0	0	0	0	2	SCAFFOLD
Y79H2A.11	C44B9.4	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

Y79H2A.11	F25H2.11	1	0	0	0	0	0	NON_CORE
Y79H2A.11	F30H5.3	1	0	0	0	0	0	NON_CORE
Y79H2A.11	F38B2.1	3	0	0	0	0	0	CORE_1
Y79H2A.11	F42C5.8	1	0	0	0	0	0	NON_CORE
Y79H2A.11	F55D12.2	1	0	0	0	0	0	NON_CORE
Y79H2A.11	F56H11.1	1	0	0	0	0	0	NON_CORE
Y79H2A.11	H06I04.1	2	0	0	0	0	0	CORE_2
Y79H2A.11	H06O01.1	1	0	0	0	0	0	NON_CORE
Y79H2A.11	H13N06.5	1	0	0	0	0	0	CORE_2
Y79H2A.11	K04H4.2	3	0	0	0	0	0	CORE_1
Y79H2A.11	M117.2	1	0	0	0	0	0	NON_CORE
Y79H2A.11	R05F9.1	1	0	0	0	0	0	NON_CORE
Y79H2A.11	R06F6.8	3	0	0	0	0	0	CORE_1
Y79H2A.11	T01D1.6	1	0	0	0	0	0	CORE_2
Y79H2A.11	T02C5.1	1	0	0	0	0	0	NON_CORE
Y79H2A.11	T05C12.6	1	0	0	0	0	0	CORE_2
Y79H2A.11	T09F3.3	1	0	0	0	0	0	CORE_2
Y79H2A.11	T17H7.4	1	0	0	0	0	0	NON_CORE
Y79H2A.11	T21B6.3	3	0	0	0	0	0	CORE_1
Y79H2A.11	W08E3.3	1	0	0	0	0	0	NON_CORE
Y79H2A.11	Y24D9A.8	1	0	0	0	0	0	NON_CORE
Y79H2A.11	Y48B6A.14	1	0	0	0	0	0	NON_CORE
Y79H2A.11	Y59A8B.7	7	0	0	0	0	0	CORE_1
Y79H2A.11	ZK484.1	1	0	0	0	0	0	NON_CORE
Y81G3A.3	Y75B8A.1	1	0	0	0	0	0	CORE_2
Y82E9BR.3	C34E10.6	0	0	0	0	0	1	INTEROLOG
Y82E9BR.3	F27C1.7	0	0	0	0	0	1	INTEROLOG
Y82E9BR.3	F58F12.1	0	0	0	0	0	1	INTEROLOG
Y82E9BR.3	H28O16.1	0	0	0	0	0	1	INTEROLOG
Y82E9BR.3	Y69A2AR.18	0	0	0	0	0	1	INTEROLOG
Y87G2A.3	C32D5.9	0	9	0	0	0	0	CORE_1
Y87G2A.3	ZK593.6	8	2	0	0	0	0	CORE_1
Y87G2A.9	Y110A2AM.3	0	0	0	0	0	1	INTEROLOG
Y87G2A.9	Y94H6A.6	0	0	0	0	0	1	INTEROLOG
Y92C3B.2	C06C3.1	3	0	0	0	0	0	CORE_1
Y92C3B.2	C18A11.7	0	1	0	0	0	0	CORE_2
Y92C3B.2	C47E8.5	1	0	0	0	0	0	CORE_2
Y92C3B.2	F29G9.7	0	1	0	0	0	0	NON_CORE
Y92C3B.2	T18H9.2	1	0	0	0	0	0	NON_CORE
Y92C3B.2	T20G5.1	3	0	0	0	0	0	CORE_1
Y92C3B.2	W02G9.2	1	0	0	0	0	0	NON_CORE
Y92C3B.2	W05H7.4	11	11	0	0	0	0	CORE_1
Y92C3B.2	Y116A8C.35	15	49	0	0	0	0	CORE_1
Y92C3B.2	ZK512.5	0	1	0	0	0	0	NON_CORE
Y97E10AR.5	F36A4.7	0	0	0	0	0	1	INTEROLOG
Y97E10AR.5	H27M09.2	0	0	0	0	0	1	INTEROLOG
Y97E10AR.5	Y54E10BR.6	0	0	0	0	0	1	INTEROLOG
Y97E10AR.7	C06H2.6	8	0	0	0	0	0	CORE_1
Y97E10AR.7	Y66D12A.4	1	0	0	0	0	0	CORE_2
ZC155.1	W09H1.6	4	0	0	0	0	0	CORE_1
ZC155.7	C44C1.4	0	0	0	0	0	1	INTEROLOG
ZC155.7	D1014.3	0	0	0	0	0	1	INTEROLOG
ZC155.7	Y57G11C.4	0	0	0	0	0	1	INTEROLOG
ZC168.4	Y45F10A.2	0	0	2	0	0	0	SCAFFOLD
ZC250.3	F40F11.2	0	1	0	0	0	0	NON_CORE
ZC302.1	F13G3.4	1	0	0	0	0	0	SCAFFOLD
ZC302.1	F45F2.11	1	0	0	0	0	0	SCAFFOLD
ZC302.1	T04H1.4	1	0	0	0	0	0	SCAFFOLD
ZC317.3	F31E8.3	0	1	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

ZC410.2	Y71G12B.24	0	0	0	0	0	1	INTEROLOG
ZC434.8	C23G10.3	1	0	0	0	0	0	NON_CORE
ZC434.8	C47E8.5	1	0	0	0	0	0	NON_CORE
ZC434.8	F33D11.10	1	0	0	0	0	0	NON_CORE
ZC434.8	Y39E4B.3	1	0	0	0	0	0	NON_CORE
ZC434.8	Y48B6A.12	1	0	0	0	0	0	NON_CORE
ZC434.8	ZK637.5	1	0	0	0	0	0	CORE_2
ZC455.3	F46E10.9	1	0	0	0	0	0	CORE_2
ZC455.3	F53C11.8	1	0	0	0	0	0	NON_CORE
ZC455.3	Y105C5B.28	1	0	0	0	0	0	NON_CORE
ZC482.5	Y75B8A.1	1	0	0	0	0	0	CORE_2
ZC504.4	B0547.1	1	0	0	0	0	0	NON_CORE
ZC504.4	C14F5.1	1	0	0	0	0	0	NON_CORE
ZC504.4	C34F6.4	1	0	0	0	0	0	NON_CORE
ZC504.4	C38D4.6	27	0	0	0	0	0	CORE_1
ZC504.4	F11E6.3	1	0	0	0	0	0	NON_CORE
ZC504.4	F22B7.5	1	0	0	0	0	0	CORE_2
ZC504.4	F26D10.3	1	0	0	0	0	0	NON_CORE
ZC504.4	F36A2.10	1	0	0	0	0	0	NON_CORE
ZC504.4	K02F2.2	1	0	0	0	0	0	NON_CORE
ZC504.4	K04D7.1	1	0	0	0	0	0	NON_CORE
ZC504.4	T28C6.7	2	0	0	0	0	0	CORE_2
ZC504.4	T28D9.1	1	0	0	0	0	0	NON_CORE
ZC504.4	Y113G7A.6	1	0	0	0	0	0	CORE_2
ZC504.4	Y39A1A.19	1	0	0	0	0	0	NON_CORE
ZC504.4	Y92C3B.2	1	0	0	0	0	0	NON_CORE
ZC504.4	ZK484.1	1	0	0	0	0	0	NON_CORE
ZC504.4	ZK858.7	1	0	0	0	0	0	NON_CORE
ZC513.6	F39H11.1	0	0	1	0	0	0	SCAFFOLD
ZC581.1	C26B2.3	1	0	0	0	0	0	NON_CORE
ZC581.1	F10B5.1	1	0	0	0	0	0	NON_CORE
ZC581.1	F11G11.11	1	0	0	0	0	0	NON_CORE
ZC581.1	K10B3.8	1	0	0	0	0	0	CORE_2
ZC581.1	W04E12.8	1	0	0	0	0	0	NON_CORE
ZC97.1	F52E1.7	1	0	0	0	0	0	CORE_2
ZC97.1	F59E12.13	1	0	0	0	0	0	CORE_2
ZC97.1	T27A3.1	15	0	0	0	0	0	CORE_1
ZK1010.1	C34C6.6	11	22	0	0	0	0	CORE_1
ZK1010.1	CC8.1	0	3	0	0	0	0	CORE_1
ZK1010.1	F15C11.2	4	0	0	0	0	0	CORE_1
ZK1010.1	F38B7.2	0	1	0	0	0	0	NON_CORE
ZK1010.1	K02F2.2	1	0	0	0	0	0	NON_CORE
ZK1010.1	R07H5.1	0	6	0	0	0	0	CORE_1
ZK1010.1	W02G9.2	1	0	0	0	0	0	NON_CORE
ZK1010.1	W05B5.1	1	0	0	0	0	0	NON_CORE
ZK1058.4	K12H4.7	1	0	0	0	0	0	CORE_2
ZK1058.4	R05F9.10	1	0	0	0	0	0	CORE_2
ZK1067.7	C37C3.6	3	0	0	0	0	0	CORE_1
ZK1067.7	F29G6.3	1	3	0	0	0	0	CORE_1
ZK1067.7	F30H5.3	1	0	0	0	0	0	CORE_2
ZK1067.7	F48E8.1	1	0	0	0	0	0	NON_CORE
ZK1067.7	R05F9.10	1	0	0	0	0	0	CORE_2
ZK1067.7	T10E10.2	1	0	0	0	0	0	NON_CORE
ZK1067.7	W04B5.3	1	0	0	0	0	0	NON_CORE
ZK1067.7	Y39B6A.1	9	0	0	0	0	0	CORE_1
ZK1067.7	Y69H2.3	1	1	0	0	0	0	CORE_2
ZK1098.10	C18C4.10	5	0	0	0	0	0	CORE_1
ZK1098.10	C36B1.11	1	0	0	0	0	0	NON_CORE
ZK1098.10	C47D12.2	2	0	0	0	0	0	CORE_2

Table S5. WI5 interactions list

ZK1098.10	M106.5	1	0	0	0	0	0	NON_CORE
ZK1098.1	K04G7.10	0	0	0	0	0	1	INTEROLOG
ZK1098.4	D2085.3	0	0	0	0	0	1	INTEROLOG
ZK1098.4	F11A3.2	0	0	0	0	0	1	INTEROLOG
ZK1098.5	F36D4.2	0	0	0	0	0	1	INTEROLOG
ZK1098.5	F36D4.2	2	0	0	0	0	0	CORE_2
ZK1098.5	R102.5	1	0	0	0	0	0	CORE_2
ZK1098.5	T05G5.6	50	0	0	0	0	0	CORE_1
ZK1098.5	W02G9.2	1	0	0	0	0	0	NON_CORE
ZK1098.5	W05H7.3	0	0	0	0	0	1	INTEROLOG
ZK1098.5	Y57A10A.16	0	0	0	0	0	1	INTEROLOG
ZK1128.2	F55A11.3	1	0	0	0	0	0	NON_CORE
ZK1128.2	F59A2.1	2	0	0	0	0	0	NON_CORE
ZK1128.2	R07B7.2	1	0	0	0	0	0	NON_CORE
ZK1128.2	R119.4	5	0	0	0	0	0	CORE_1
ZK1128.5	R07E5.3	0	0	0	0	0	1	INTEROLOG
ZK1248.3	C32E8.10	0	0	0	0	0	1	INTEROLOG
ZK1248.3	F31E3.4	0	0	0	0	0	1	INTEROLOG
ZK1248.3	T04C10.2	0	0	0	0	0	1	INTEROLOG
ZK1307.6	F15A2.6	0	0	0	0	0	1	INTEROLOG
ZK1307.8	Y39B6A.1	1	0	0	0	0	0	NON_CORE
ZK1307.8	Y66A7A.6	1	0	0	0	0	0	NON_CORE
ZK1307.8	Y77E11A.2	1	0	0	0	0	0	CORE_2
ZK1307.8	ZC434.2	1	0	0	0	0	0	NON_CORE
ZK131.11	H02I12.5	5	10	0	0	0	0	CORE_1
ZK131.11	VW06B3R.1	1	0	0	0	0	0	NON_CORE
ZK131.11	Y23H5A.5	0	10	0	0	0	0	CORE_1
ZK131.11	Y62E10A.14	4	0	0	0	0	0	CORE_1
ZK131.11	Y77E11A.5	1	0	0	0	0	0	CORE_2
ZK180.4	C50D2.2	0	0	0	0	0	1	INTEROLOG
ZK180.4	F55A4.1	0	0	0	0	0	1	INTEROLOG
ZK20.3	B0205.3	1	0	0	0	0	0	SCAFFOLD
ZK20.3	C01G5.6	1	0	0	0	0	0	SCAFFOLD
ZK20.3	C17E4.2	1	0	0	0	0	0	SCAFFOLD
ZK20.3	C50F4.11	1	0	0	0	0	0	SCAFFOLD
ZK20.3	F45C12.7	1	0	0	0	0	0	SCAFFOLD
ZK20.3	Y66H1A.6	1	0	0	0	0	0	SCAFFOLD
ZK20.3	Y77E11A.4	1	0	0	0	0	0	SCAFFOLD
ZK20.5	C30C11.2	0	0	0	0	0	1	INTEROLOG
ZK20.5	C48D5.1	1	0	0	0	0	0	SCAFFOLD
ZK20.5	F10G7.8	0	0	0	0	0	1	INTEROLOG
ZK20.5	F23F12.6	0	0	0	0	0	1	INTEROLOG
ZK20.5	F29G9.5	0	0	0	0	0	1	INTEROLOG
ZK20.5	F57B9.10	0	0	0	0	0	1	INTEROLOG
ZK20.5	K01A2.10	23	0	0	0	0	0	SCAFFOLD
ZK20.5	K07D4.3	0	0	0	0	0	1	INTEROLOG
ZK20.5	T06D8.8	0	0	0	0	0	1	INTEROLOG
ZK287.1	T08G5.5	1	0	0	0	0	0	NON_CORE
ZK353.6	F12F6.1	1	0	0	0	0	0	NON_CORE
ZK353.6	T11G6.7	0	1	0	0	0	0	NON_CORE
ZK353.6	W02H5.1	0	1	0	0	0	0	NON_CORE
ZK353.6	ZK353.6	3	21	0	0	0	0	CORE_1
ZK353.6	ZK632.10	0	1	0	0	0	0	NON_CORE
ZK353.7	ZK353.7	1	0	0	0	0	0	CORE_2
ZK370.2	B0547.1	2	0	0	0	0	0	CORE_2
ZK370.2	R08E3.4	25	0	0	0	0	0	CORE_1
ZK370.2	T01D3.5	1	0	0	0	0	0	NON_CORE
ZK370.2	T05A1.2	1	0	0	0	0	0	NON_CORE
ZK370.2	T20D3.3	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

ZK370.3	C27D11.1	0	0	0	0	0	1	INTEROLOG
ZK381.4	B0523.3	9	0	0	0	0	0	CORE_1
ZK381.4	F08H9.9	0	1	0	0	0	0	NON_CORE
ZK381.4	F53A2.6	27	0	0	0	0	0	CORE_1
ZK381.4	ZK381.4	4	0	0	0	0	0	CORE_1
ZK418.4	B0547.1	1	0	0	0	0	0	SCAFFOLD
ZK418.4	C39D10.7	5	0	0	0	0	0	SCAFFOLD
ZK418.4	F02A9.3	1	0	0	0	0	0	SCAFFOLD
ZK418.4	F10G8.8	3	0	0	0	0	0	SCAFFOLD
ZK418.4	F45D11.15	1	0	0	0	0	0	SCAFFOLD
ZK418.4	F56H11.1	1	0	0	0	0	0	SCAFFOLD
ZK418.4	F59A2.3	1	0	0	0	0	0	SCAFFOLD
ZK418.4	K04G2.10	3	0	0	0	0	0	SCAFFOLD
ZK418.4	K07A1.12	0	0	0	1	0	0	SCAFFOLD
ZK418.4	R05F9.1	2	0	0	0	0	0	SCAFFOLD
ZK418.4	W04D2.1	1	0	0	0	0	0	SCAFFOLD
ZK418.4	Y45F10D.13	1	0	0	0	0	0	SCAFFOLD
ZK418.4	Y54E2A.3	8	0	0	0	0	0	SCAFFOLD
ZK418.4	Y71A12B.6	1	0	0	0	0	0	SCAFFOLD
ZK418.4	Y79H2A.1	1	0	0	0	0	0	SCAFFOLD
ZK418.5	T22F3.4	1	0	0	0	0	0	NON_CORE
ZK430.2	R151.3	1	0	0	0	0	0	NON_CORE
ZK484.4	F28D1.2	0	0	21	0	0	0	SCAFFOLD
ZK524.3	F29D10.4	0	1	0	0	0	0	NON_CORE
ZK546.11	H05C05.2	1	0	0	0	0	0	CORE_2
ZK546.11	T28F4.1	3	0	0	0	0	0	CORE_1
ZK546.11	W07G4.3	1	0	0	0	0	0	CORE_2
ZK593.7	F28F8.3	0	0	0	0	0	1	INTEROLOG
ZK593.7	F32A5.7	0	0	0	0	0	1	INTEROLOG
ZK593.7	F40F8.9	0	0	0	0	0	1	INTEROLOG
ZK593.7	T10G3.6	0	0	0	0	0	1	INTEROLOG
ZK593.7	Y39G8C.1	0	0	0	0	0	1	INTEROLOG
ZK593.7	Y62E10A.12	0	0	0	0	0	1	INTEROLOG
ZK593.7	Y71G12B.14	0	0	0	0	0	1	INTEROLOG
ZK616.3	T21C9.4	1	0	0	0	0	0	CORE_2
ZK632.12	C13F10.7	0	2	0	0	0	0	CORE_2
ZK632.12	D2045.8	0	3	0	0	0	0	CORE_1
ZK632.12	F37B1.1	0	1	0	0	0	0	NON_CORE
ZK632.12	F42F12.3	0	2	0	0	0	0	CORE_2
ZK632.12	F52C6.2	0	5	0	0	0	0	CORE_1
ZK632.12	F54C1.7	0	1	0	0	0	0	NON_CORE
ZK632.12	R05F9.1	0	1	0	0	0	0	NON_CORE
ZK632.12	W04A8.5	0	1	0	0	0	0	NON_CORE
ZK632.12	W08D2.3	0	1	0	0	0	0	NON_CORE
ZK632.12	Y116F11A.1	0	1	0	0	0	0	NON_CORE
ZK632.12	Y39B6A.1	0	4	0	0	0	0	CORE_1
ZK632.12	Y67D2.6	0	1	0	0	0	0	NON_CORE
ZK637.11	T23G7.1	1	0	0	0	0	0	SCAFFOLD
ZK637.11	Y113G7A.6	1	0	0	0	0	0	SCAFFOLD
ZK637.8	C17H12.14	0	0	0	0	0	1	INTEROLOG
ZK637.8	F20B6.2	0	0	0	0	0	1	INTEROLOG
ZK637.8	ZK970.4	0	0	0	0	0	1	INTEROLOG
ZK652.11	Y76A2A.2	0	0	0	0	0	1	INTEROLOG
ZK652.1	C49H3.13	4	0	0	0	0	0	CORE_1
ZK652.1	C52E4.3	3	0	0	0	0	0	CORE_1
ZK652.1	F54D5.7	1	0	0	0	0	0	NON_CORE
ZK652.3	H35B03.1	0	1	0	0	0	0	NON_CORE
ZK652.4	T24B8.1	0	0	0	0	0	1	INTEROLOG
ZK673.7	C04F6.1	1	0	0	0	0	0	NON_CORE

Table S5. WI5 interactions list

ZK673.7	M03F4.2	2	0	0	0	0	0	NON_CORE
ZK673.7	R01H10.5	1	0	0	0	0	0	CORE_2
ZK673.7	Y39B6A.1	13	0	0	0	0	0	CORE_1
ZK675.2	C18E3.3	1	0	0	0	0	0	SCAFFOLD
ZK675.2	K04G7.10	1	0	0	0	0	0	SCAFFOLD
ZK675.2	Y66H1B.2	1	0	0	0	0	0	SCAFFOLD
ZK678.1	C27H5.2	1	0	0	0	0	0	SCAFFOLD
ZK678.1	D1007.12	1	0	0	0	0	0	SCAFFOLD
ZK678.1	F07A5.7	1	0	0	0	0	0	SCAFFOLD
ZK678.1	F10C1.7	1	0	0	0	0	0	SCAFFOLD
ZK678.1	F33G12.5	6	0	0	0	0	0	SCAFFOLD
ZK678.1	F38B2.1	1	0	0	0	0	0	SCAFFOLD
ZK678.1	R06F6.8	6	0	0	0	0	0	SCAFFOLD
ZK678.1	T05E7.5	1	0	0	0	0	0	SCAFFOLD
ZK678.1	T11B7.4	1	0	0	0	0	0	SCAFFOLD
ZK678.1	W10G6.3	1	0	0	0	0	0	SCAFFOLD
ZK678.1	Y54E2A.3	14	0	0	0	0	0	SCAFFOLD
ZK678.1	ZK1055.1	5	0	0	0	0	0	SCAFFOLD
ZK678.5	F54D8.1	0	1	0	0	0	0	NON_CORE
ZK678.5	F57F4.4	0	1	0	0	0	0	NON_CORE
ZK742.1	C26D10.1	0	0	0	0	0	1	INTEROLOG
ZK792.6	AC7.2	1	0	0	0	2	0	LITERATURE
ZK792.6	AC7.2	1	0	0	0	2	0	SCAFFOLD
ZK792.6	C56C10.8	0	1	0	0	0	0	NON_CORE
ZK792.6	F28B4.2	5	0	0	0	0	0	SCAFFOLD
ZK792.6	H09G03.2	1	0	0	0	0	0	SCAFFOLD
ZK792.6	W05B10.4	2	0	0	0	0	0	SCAFFOLD
ZK792.6	Y73B6A.5	0	0	0	0	2	0	LITERATURE
ZK792.8	B0272.1	0	0	0	0	0	1	INTEROLOG
ZK792.8	C32D5.9	0	0	0	0	0	1	INTEROLOG
ZK792.8	C47B2.3	0	0	0	0	0	1	INTEROLOG
ZK795.3	Y75B8A.7	0	0	0	0	0	1	INTEROLOG
ZK849.2	B0393.1	1	0	0	0	0	0	NON_CORE
ZK849.2	B0507.1	1	0	0	0	0	0	CORE_2
ZK849.2	C05D12.5	0	1	0	0	0	0	CORE_2
ZK849.2	C07D10.2	1	0	0	0	0	0	CORE_2
ZK849.2	C11H1.1	1	0	0	0	0	0	CORE_2
ZK849.2	C18C4.6	0	1	0	0	0	0	NON_CORE
ZK849.2	C27H2.3	1	0	0	0	0	0	CORE_2
ZK849.2	C39D10.7	3	0	0	0	0	0	CORE_1
ZK849.2	C45E5.6	1	0	0	0	0	0	CORE_2
ZK849.2	D1005.1	1	0	0	0	0	0	NON_CORE
ZK849.2	D2030.6	1	0	0	0	0	0	NON_CORE
ZK849.2	D2063.1	0	3	0	0	0	0	CORE_1
ZK849.2	F08C6.1	1	0	0	0	0	0	CORE_2
ZK849.2	F10G8.8	0	5	0	0	0	0	CORE_1
ZK849.2	F18A1.3	2	0	0	0	0	0	CORE_2
ZK849.2	F25H2.10	1	0	0	0	0	0	NON_CORE
ZK849.2	F28F5.3	1	0	0	0	0	0	CORE_2
ZK849.2	F30F8.3	9	0	0	0	0	0	CORE_1
ZK849.2	F38H4.9	2	0	0	0	0	0	CORE_2
ZK849.2	F42G2.1	1	0	0	0	0	0	CORE_2
ZK849.2	F44G3.9	0	10	0	0	0	0	CORE_1
ZK849.2	F52C6.2	0	5	0	0	0	0	CORE_1
ZK849.2	F53B3.3	1	0	0	0	0	0	NON_CORE
ZK849.2	F54B11.7	0	2	0	0	0	0	CORE_2
ZK849.2	F56H11.1	1	0	0	0	0	0	CORE_2
ZK849.2	F57G12.2	0	1	0	0	0	0	CORE_2
ZK849.2	F59C6.5	3	0	0	0	0	0	CORE_1

Table S5. WI5 interactions list

ZK849.2	H06I04.1	0	1	0	0	0	0	CORE_2
ZK849.2	K10D3.4	1	0	0	0	0	0	NON_CORE
ZK849.2	M04G12.1	1	42	0	0	0	0	CORE_1
ZK849.2	M05D6.7	1	0	0	0	0	0	NON_CORE
ZK849.2	R11E3.6	1	0	0	0	0	0	NON_CORE
ZK849.2	T03E6.7	3	0	0	0	0	0	CORE_1
ZK849.2	T07G12.10	1	0	0	0	0	0	NON_CORE
ZK849.2	T08G11.4	0	1	0	0	0	0	CORE_2
ZK849.2	T08H4.1	1	0	0	0	0	0	NON_CORE
ZK849.2	T22A3.3	2	0	0	0	0	0	CORE_2
ZK849.2	T26C12.3	1	0	0	0	0	0	CORE_2
ZK849.2	T27E9.1	1	0	0	0	0	0	NON_CORE
ZK849.2	Y37E11AR.2	1	0	0	0	0	0	NON_CORE
ZK849.2	Y40C5A.1	1	0	0	0	0	0	CORE_2
ZK849.2	Y51H1A.4	1	0	0	0	0	0	CORE_2
ZK849.2	ZC239.15	0	21	0	0	0	0	CORE_1
ZK849.2	ZK849.2	0	16	0	0	0	0	CORE_1
ZK856.10	H27M09.2	0	0	0	0	0	1	INTEROLOG
ZK856.11	C05C12.4	1	0	0	0	0	0	CORE_2
ZK856.11	C54F6.14	0	2	0	0	0	0	CORE_2
ZK856.11	D1037.3	3	4	0	0	0	0	CORE_1
ZK856.11	Y105E8B.4	1	4	0	0	0	0	CORE_1
ZK856.13	B0261.1	0	0	0	0	0	1	INTEROLOG
ZK858.4	C01H6.7	1	0	0	0	0	0	CORE_2
ZK858.4	C15C7.2	1	0	0	0	0	0	CORE_2
ZK858.4	C16C8.12	0	1	0	0	0	0	CORE_2
ZK858.4	C27B7.4	0	9	0	0	0	0	CORE_1
ZK858.4	C38D4.6	2	0	0	0	0	0	CORE_2
ZK858.4	C49H3.5	0	1	0	0	0	0	CORE_2
ZK858.4	F16B12.6	1	2	0	0	0	0	CORE_1
ZK858.4	F19B10.1	2	0	0	0	0	0	CORE_2
ZK858.4	F32B5.8	1	0	0	0	0	0	NON_CORE
ZK858.4	K12C11.2	0	1	0	0	0	0	CORE_2
ZK858.4	R02F2.5	1	28	0	0	0	0	CORE_1
ZK858.4	R08E3.4	1	0	0	0	0	0	CORE_2
ZK858.4	R12B2.5	2	2	0	0	0	0	CORE_1
ZK858.4	T01G9.5	2	0	0	0	0	0	CORE_2
ZK858.4	Y105C5A.1	0	1	0	0	0	0	CORE_2
ZK858.4	Y51H7C.3	0	1	0	0	0	0	NON_CORE
ZK858.4	ZK858.4	4	1	0	0	0	0	CORE_1
ZK858.7	W02A11.1	0	0	0	0	0	1	INTEROLOG
ZK858.7	Y54E2A.11	0	0	0	0	0	1	INTEROLOG
ZK892.1	C14F11.4	1	0	0	0	0	0	NON_CORE
ZK892.1	C14F11.5	5	0	0	0	0	0	CORE_1
ZK892.1	F09F7.5	1	0	0	0	0	0	NON_CORE
ZK892.1	F26F2.3	0	1	0	0	0	0	CORE_2
ZK892.1	F29G6.3	1	0	0	0	0	0	NON_CORE
ZK892.1	K10B3.8	1	0	0	0	0	0	NON_CORE
ZK892.1	T07C4.3	9	0	0	0	0	0	CORE_1
ZK892.1	ZK666.8	1	0	0	0	0	0	CORE_2
ZK892.7	C04C3.3	2	0	0	0	0	0	CORE_2
ZK892.7	C52B11.2	3	7	0	0	0	0	CORE_1
ZK892.7	C56C10.7	1	0	0	0	0	0	CORE_2
ZK892.7	F44G3.9	0	2	0	0	0	0	CORE_2
ZK892.7	K10D3.4	1	0	0	0	0	0	CORE_2
ZK892.7	T21B6.3	1	0	0	0	0	0	NON_CORE
ZK892.7	W02B12.8	1	0	0	0	0	0	NON_CORE
ZK892.7	Y11D7A.12	1	0	0	0	0	0	NON_CORE
ZK892.7	Y46G5A.31	0	1	0	0	0	0	CORE_2

Table S5. WI5 interactions list

ZK892.7	ZC123.1	1	0	0	0	0	0	NON_CORE
ZK892.7	ZK1053.5	0	1	0	0	0	0	CORE_2
ZK909.2	R07E4.6	0	0	0	0	0	1	INTEROLOG
ZK909.4	K07A3.1	1	0	0	0	0	0	CORE_2
ZK909.4	K08F8.2	7	0	0	0	0	0	CORE_1
ZK909.4	Y51H4A.4	1	0	0	0	0	0	CORE_2
ZK945.2	C15H11.7	0	0	0	0	0	1	INTEROLOG
ZK945.2	C15H11.7	24	0	0	0	0	0	SCAFFOLD
ZK945.2	C48D5.1	4	0	0	0	0	0	SCAFFOLD
ZK945.2	CD4.6	7	0	0	0	0	0	SCAFFOLD
ZK945.2	R186.4	3	0	0	0	0	0	SCAFFOLD
ZK945.2	T07F8.4	11	0	0	0	0	0	SCAFFOLD
ZK945.2	T08A11.1	1	0	0	0	0	0	SCAFFOLD
ZK945.2	T20F5.2	0	0	0	0	0	1	INTEROLOG
ZK945.2	T28C6.7	1	0	0	0	0	0	SCAFFOLD
ZK945.2	W02G9.2	2	0	0	0	0	0	SCAFFOLD
ZK945.2	Y42H9AR.1	3	0	0	0	0	0	SCAFFOLD
ZK945.2	ZK945.2	20	0	0	1	0	0	SCAFFOLD
ZK970.3	R144.9	0	5	0	0	0	0	CORE_1
ZK970.3	ZK909.2	0	1	0	0	0	0	NON_CORE
ZK970.4	F20B6.2	0	0	0	0	0	1	INTEROLOG
ZK970.4	F55H2.2	0	0	0	0	0	1	INTEROLOG

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