

Table S1. Results of yeast two hybrid screening using WTS-1 as a bait.

1. Number of Colonies Screened				
Number of Colonies				
1 st	2 nd			
2.63x10 ⁶	1.27x10 ⁷			
2. Screening Result				
Number of Colonies				
	1 st	2 nd		
Reporter I (<i>URA3</i>)	27	890		
Reporter II (<i>lacZ</i>)	16	204		
Reporter III (<i>ADE2</i>)	8	204		
Real Positives	3 out of 27 candidates	33 out of 60 candidates		
3. The list of preys				
ORF name	Common name	Full length	Fusion site (a.a)	Description
F21C10.7		2541	2219	Titin homolog
W04D2.1	<i>atn-1</i>	894	307, 349	Actinin homolog
F52E1.7	<i>hsp-17</i>	148	1, 2	A member of the hsp20
F13E6.4	<i>yap-1</i>	442	1, 8, 70, 132, 143, 159, 184, 203	YAP homolog
R06F6.12		417	2, 4, 58, 119, 128	Unknown protein
Y66H1B.3	<i>fln-1</i>	1084	767	Filamin A, homolog
F19C7.1		266	1	Unknown protein
K01A6.2	<i>magi-1</i>	1092	273	MAGUK protein
C56G2.7		374	9	26S proteasome complex ubiquitin receptor, subunit Rpn13
C14F11.5	<i>hsp-43</i>	368	1	A member of the hsp20 family