

Table S1. Homology models of membrane proteins in yeast. Columns list yeast protein (ORF), structural model (PDB structure ID:chain #), and BLAST-based alignment statistics.

ORF	PDB	E-value	% Similarity	% Coverage (ORF)	% Coverage (PDB)
YAL026C	1EUL:A	1E-10	37	33	40
YBL030C	10KC:A	6E-82	68	91	97
YBR008C	2GFP:A	4E-15	46	33	45
YBR043C	2GFP:A	2E-16	46	26	44
YBR054W	1H68:A	2E-11	38	76	98
YBR104W	10KC:A	5E-09	37	83	92
YBR180W	2GFP:A	3E-14	48	31	44
YBR192W	10KC:A	5E-18	40	82	93
YBR283C	1RHZ:A	1E-34	44	94	96
YBR291C	10KC:A	2E-16	40	94	96
YDL119C	10KC:A	3E-10	42	50	48
YDR033W	1H68:A	5E-11	39	69	78
YDR039C	1EUL:A	2E-95	48	79	82
YDR086C	1RHZ:B	1E-09	50	85	84
YDR270W	1EUL:A	7E-14	43	27	27
YEL006W	10KC:A	8E-21	47	54	60
YEL031W	1EUL:A	9E-24	39	50	63
YER053C	10KC:A	4E-09	43	44	48
YFL050C	2BBH:A	2E-24	43	41	83
YFL054C	1FX8:A	4E-44	54	36	85
YFR045W	10KC:A	3E-12	35	96	99
YGL008C	1EUL:A	2E-37	50	35	36
YGL167C	1EUL:A	1E-122	50	95	99
YGR096W	10KC:A	4E-19	46	75	81
YGR257C	10KC:A	4E-09	40	71	84
YHR002W	10KC:A	2E-21	43	82	88
YIL006W	10KC:A	2E-20	43	75	94
YIL048W	1EUL:A	6E-14	36	68	74
YIL121W	2GFP:A	3E-13	44	31	42
YIL134W	10KC:A	8E-12	45	96	96
YJL133W	10KC:A	2E-11	44	56	61
YJR040W	1KPL:A	2E-21	43	48	73
YJR077C	10KC:A	1E-09	40	82	90
YJR095W	10KC:A	7E-18	44	90	96
YKL120W	10KC:A	4E-26	46	85	93
YKL141W	1ZOY:C	3E-12	45	68	94
YLL028W	2GFP:A	1E-11	44	27	40
YLR348C	10KC:A	1E-13	43	59	60
YLR378C	1RHZ:A	4E-67	54	95	96
YMR056C	10KC:A	2E-80	66	94	98
YMR166C	10KC:A	1E-10	42	49	55
YNL003C	10KC:A	2E-09	40	65	68

YNL065W	2GFP:A	2E-19	46	31	45
YNL142W	1U7G:A	1E-66	53	84	98
YOR065W	1BGY:D	1E-86	76	77	98
YOR100C	10KC:A	9E-11	43	50	52
YOR130C	10KC:A	2E-16	46	62	64
YOR222W	10KC:A	4E-29	49	94	98
YOR273C	2GFP:A	2E-11	47	26	43
YOR291W	1EUL:A	1E-16	40	22	27
YPL006W	1IWG:A	2E-11	50	13	14
YPL036W	1EUL:A	6E-38	51	33	35
YPL134C	10KC:A	9E-24	47	95	99
YPR011C	10KC:A	5E-32	48	90	95
YPR021C	10KC:A	1E-25	43	31	98
YPR058W	10KC:A	1E-08	41	57	60
YPR128C	10KC:A	3E-13	42	87	92
YPR138C	1U7G:A	1E-66	55	84	99
YPR192W	1FQY:A	2E-27	53	58	67