

PTHR ID	Gene Family Description	Total Nodes	Annotated Nodes	Total Annotations	CC Annotations	MF Annotations	BP Annotations	NOT Annotations
PTHR10000	PHOSPHOSERINE PHOSPHATASE	208	45	124	28	69	27	0
PTHR10003	SUPEROXIDE DISMUTASE [CU-ZN]-RELATED	319	188	1117	395	532	190	0
PTHR10005	SKI ONCOGENE-RELATED	152	24	109	29	37	43	0
PTHR10006	MUCIN-1-RELATED	20	2	4	4	0	0	0
PTHR10009	PROTEIN YELLOW-RELATED	61	35	114	26	31	57	0
PTHR10012	SERINE/THREONINE-PROTEIN PHOSPHATASE 2A REGULATORY SUBUNIT B	142	76	525	214	215	96	0
PTHR10019	SNF5	97	52	329	52	1	276	0
PTHR10025	TETRAHYDROFOLATE DEHYDROGENASE/CYCLOHYDROLASE FAMILY MEMBER	326	91	451	119	249	83	89
PTHR10027	CALCIUM-ACTIVATED POTASSIUM CHANNEL ALPHA CHAIN	206	32	102	30	47	25	1
PTHR10032	ZINC FINGER PROTEIN WITH KRAB AND SCAN DOMAINS	697	365	782	334	372	76	2
PTHR10046	ATP DEPENDENT LON PROTEASE FAMILY MEMBER	283	70	577	101	268	208	0
PTHR10048	PHOSPHATIDYLINOSITOL KINASE	669	354	1090	504	582	4	1
PTHR10063	TUBERIN	203	26	113	38	18	57	0
PTHR10073	DNA MISMATCH REPAIR PROTEIN (MLH, PMS, MUTL)	410	77	465	186	171	108	0
PTHR10125	P2X PURINOCEPTOR	225	37	90	20	49	21	0
PTHR10130	PEROXISOMAL TARGETING SIGNAL 1 RECEPTOR (PEX5)	134	34	142	64	34	44	2
PTHR10138	TRYPTOPHAN 2,3-DIOXYGENASE	70	21	64	1	42	21	0
PTHR10146	PROLINE SYNTHETASE CO-TRANSCRIBED BACTERIAL HOMOLOG PROTEIN	136	29	29	0	29	0	0
PTHR10150	DNA REPAIR ENDONUCLEASE XPF	109	20	114	16	32	66	0
PTHR10159	DUAL SPECIFICITY PROTEIN PHOSPHATASE	1460	316	973	178	287	508	36
PTHR10169	DNA TOPOISOMERASE/GYRASE	334	77	457	102	69	286	27
PTHR10170	HUNTINGTON DISEASE PROTEIN	69	8	16	8	4	4	0
PTHR10194	RAS GTPASE-ACTIVATING PROTEINS	489	65	281	114	55	112	0
PTHR10202	PRESENILIN	124	26	383	262	27	94	1
PTHR10218	GTP-BINDING PROTEIN ALPHA SUBUNIT	860	185	1251	342	631	278	4
PTHR10224	ES1 PROTEIN HOMOLOG, MITOCHONDRIAL	40	1	1	0	0	1	0
PTHR10233	TRANSLATION INITIATION FACTOR EIF-2B	480	116	458	136	142	180	122
PTHR10250	MICROSOMAL GLUTATHIONE S-TRANSFERASE	186	67	316	110	147	59	13
PTHR10290	DNA TOPOISOMERASE I	139	15	25	6	4	15	4
PTHR10322	DNA POLYMERASE CATALYTIC SUBUNIT	429	70	470	115	106	249	68
PTHR10371	NADH DEHYDROGENASE [UBIQUINONE] FLAVOPROTEIN 2, MITOCHONDRIAL	143	42	116	39	40	37	1
PTHR10373	T-CELL-SPECIFIC TRANSCRIPTION FACTOR	155	29	429	25	116	288	0
PTHR10394	40S RIBOSOMAL PROTEIN S8	146	29	103	24	26	53	0
PTHR10442	40S RIBOSOMAL PROTEIN S21	119	25	129	21	21	87	0
PTHR10459	DNA LIGASE	345	75	406	136	63	207	16
PTHR10496	40S RIBOSOMAL PROTEIN S24	158	30	94	45	2	47	0
PTHR10516	PEPTIDYL-PROLYL CIS-TRANS ISOMERASE	1136	214	848	240	383	225	2
PTHR10529	LOW-DENSITY LIPOPROTEIN RECEPTOR-RELATED	782	39	222	25	45	152	5
PTHR10559	TRANSCOBALAMIN-1/GASTRIC INTRINSIC FACTOR	78	10	18	0	8	10	0
PTHR10569	GLYCOGEN DEBRANCHING ENZYME	108	11	40	15	16	9	0
PTHR10663	GUANYL-NUCLEOTIDE EXCHANGE FACTOR	923	140	488	191	121	176	96
PTHR10668	PHYTOENE DEHYDROGENASE	376	40	74	29	19	26	0
PTHR10682	POLY(A) POLYMERASE	175	95	311	107	91	113	1
PTHR10732	40S RIBOSOMAL PROTEIN S17	159	32	85	29	1	55	0
PTHR10769	40S RIBOSOMAL PROTEIN S28	128	26	73	22	26	25	0
PTHR10795	PROPROTEIN CONVERTASE SUBTILISIN/KEXIN	1227	281	449	135	236	78	1
PTHR10845	REGULATOR OF G PROTEIN SIGNALING	871	150	551	290	148	113	0
PTHR10856	CORONIN	324	52	179	73	37	69	13
PTHR10871	30S RIBOSOMAL PROTEIN S13/40S RIBOSOMAL PROTEIN S18	212	65	256	104	51	101	9
PTHR10877	POLYCYSTIN-RELATED	604	398	1185	379	417	389	70
PTHR10878	SEGMENT POLARITY PROTEIN DISHEVELLED	168	34	209	53	22	134	3
PTHR10890	CYSTEINYL-TRNA SYNTHETASE	226	46	140	58	41	41	0
PTHR10927	RIBOSOME MATURATION PROTEIN SBD5	121	25	111	42	24	45	0
	TOTAL	17761	4412	17488	5616	6204	5668	587