

Gene Name	HSP90 evidence	Related to cilium	Additional experimental confirmations		
	number of DB or experiments reporting interaction	SCGS Status	PMID:26638075	PMID:27033521	PMID:26167768
CTNNB1	3	+	1	0	0
HSPA8	3	+	1	0	0
PAFAH1B1	3	+	1	0	0
HTT	3	+	0	0	0
TRAF3IP1	2	+	1	1	0
CEP97	2	+	1	0	0
DNAAF2	2	+	1	0	0
IQCB1	2	+	1	0	0
NEK8	2	+	1	0	0
TUBA1A	2	+	1	0	0
GSK3B	2	+	0	0	0
MKKS	2	+	0	0	0
STK36	2	+	0	0	0
STK38L	2	+	0	0	0
TRIM32	2	+	0	0	0
VHL	2	+	0	0	0
PLK1	1	+	1	1	0
TNPO1	1	+	1	1	0
TTC12	1	+	1	1	0
AHI1	1	+	1	0	0
INVS	1	+	1	0	0
MAPRE1	1	+	1	0	0
MKS1	1	+	1	0	0
NEK4	1	+	1	0	0
NPHP1	1	+	1	0	0
NPHP4	1	+	1	0	0
TTK	1	+	1	0	0
TUBA1C	1	+	1	0	0
TUBB2B	1	+	1	0	0
TUBGCP2	1	+	1	0	0
TUBGCP3	1	+	1	0	0
BBS4	1	+	0	0	0
CEP250	1	+	0	0	0

DNAH1	1	+	0	0	0
DYX1C1	1	+	0	0	0
EXOC5	1	+	0	0	0
FLNA	1	+	0	0	0
MAK	1	+	0	0	0
NUP62	1	+	0	0	0
PACRG	1	+	0	0	0
PTCH1	1	+	0	0	0
TRAPPC3	1	+	0	0	0
TUBA4A	1	+	0	0	0
TUBB3	1	+	0	0	0
TUBE1	1	+	0	0	0
VDAC3	1	+	0	0	0
HSP90AA1	4	+/-	1	0	0
HSP90B1	4	+/-	1	0	0
PTGES3	4	+/-	1	0	0
STIP1	4	+/-	1	0	0
CRNKL1	3	+/-	0	2	0
BIRC5	3	+/-	0	1	0
HSPA5	3	+/-	1	0	0
UBC	3	+/-	0	1	0
PSMD2	2	+/-	1	0	1
CCT2	2	+/-	1	0	0
CUL1	2	+/-	1	0	0
DYNC1H1	2	+/-	1	0	0
LMAN1	2	+/-	1	0	0
NUDC	2	+/-	1	0	0
P4HB	2	+/-	1	0	0
PSMD1	2	+/-	1	0	0
RUVBL1	2	+/-	1	0	0
YWHAE	2	+/-	1	0	0
GRB2	4	-	1	1	0
LATS2	3	-	1	1	0
CRNKL1	3	-	0	2	0
PSMC4	2	-	1	0	1
PSMD2	2	-	1	0	1
TRAF3IP1	2	-	1	1	0

PRPF8	2	-	0	1	1
PSMD8	1	-	0	2	1
NXF1	1	-	1	1	0
PDLIM7	1	-	1	1	0
PLK1	1	-	1	1	0
TNPO1	1	-	1	1	0
TTC12	1	-	1	1	0
PSMA3	1	-	0	1	1

All proteins reported in this table are listed as HSP90 interactors in at least one of the following: HSP90Int.DB; Ingenuity Pathway Analysis; String; GeneMania, retrieved as of Jan.1, 2017

Supp Table 1. List of genes physically linked to ciliary proteome, and to HSP90. Genes (column **A**) were identified by mining three databases reporting interactors with HSP90, including HSP90Int.DB; Ingenuity Pathway Analysis; String; GeneMania: using data updated January 1, 2017. Column B represents the number of independent databases reporting the interaction. Columns C-F represent detection of the indicated gene as relevant to ciliary dynamics, as reported in the SYSCILIA gold standard SCGS (column **C**, PMID 23725226) or the indicated references in Pubmed, PMIDs 26638075 (62)(**D**), 27033521 (19) (**E**), or 26167768 (18)(**F**).