

**Supplementary information, Table S1** The expression of Su(fu) affected by knockdown of the candidate genes in wing discs. Endogenous Su(fu) levels were checked via immunostaining by anti-Su(fu) antibody in the wing discs upon knockdown of the candidate genes which interact with HIB shown in flyBase.

<b>Annotation symbol</b>	<b>Name</b>	<b>Also known as</b>	<b>Immunostaining results</b>
CG14546			no
CG30417			no
CG31368			no
CG32635	Neuropilin and tolloid-like(Neto)		no
CG5380			no
CG42334	comm3	CG33209	no
CG3193	crooked neck(crn)	yok, l(1)2, EG:30B8.1	Su(fu) level upregulation
CG18582	mushroom bodies tiny(mbt)	STE20, dPAK2	no
CG10225	Ran binding protein 3(RanBP3)	RanBP3	no
CG3204	Ras-associated protein 2-like(Rap2l)		no
CG1906	alphabet	SK3-1	no
CG1886	ATP7	DmATP7	no
CG12470		EG:BACR37P7.5	no
CG14711			no
CG16904			no
CG2865		EG:25E8.4	no
CG3557			no
CG5288	Galactokinase(Galk)		no
CG6206		BcDNA:GH02419, dLM	no
CG6985			no
CG7611			no
CG8360			no
CG9005			no
CG9173			no
CG7404	estrogen-related receptor(ERR)	dERR	no
CG3114	erect wing	EC3, EG:BACR37P7.7	no
CG1216	mrityu(mri)		no
CG7850	puckered(puc)	hrt, l(3)84Eh	no
CG7434	Ribosomal protein L22(RpL22)	EG:BACR19J1.4	no
CG6779	Ribosomal protein S3(RpS3)	M(3)w, M(3)95A, S3, dS3, M(3R)w	no
CG11121	sine oculis(so)	Drl, mda	no
CG4800	Translationally controlled tumor(Tctp)	dTCTP	no
CG10076	spire(spir)	p150-Spir, Spire	no