

Supplemental Table 2

Flybase ID	CG number	Gene symbol	P[acman] duplication	first EMS allele?	Mutation	Conserved in Humans?	Comment
FBgn0250862	CG42237		Dp(1;3)DC264	Yes	E361K	No	
FBgn0261803	CG42749		Dp(1;3)DC130	Yes	Q27X	No	This gene is also known as <i>CG15786</i>
FBgn0030431	CG4407		Dp(1;3)DC217	Yes	D128N ; D128N and V205G ; W239X ; E314V	Yes	
FBgn0029906	CG4542		Dp(1;3)DC163	Yes	W350R	Yes	
FBgn0030091	CG7065		Dp(1;3)DC204	Yes	K327X ; Q333X	No	
FBgn0030974	CG7358		Dp(1;3)DC354	Yes	N782S ; L730X	Yes	
FBgn0030674	CG8184		Dp(1;3)DC304	Yes	T1107I ; A1692V	Yes	
FBgn0029939	CG9650		Dp(1;3)DC415	Yes	splice donor (7,127,264)	Yes	