

Table S3 Primers used for the generation of dsRNA and specificities of the dsRNA sequences

Primer name or fly	Primer sequence (5'-3')	Template	Region	On-target siRNA's	HSP off-target Gene	Mismatch		
						0	1	2
HsMAZ-F HsMAZ-F	GTGGCGTCTAGATTCCTACAAG AGGTATGCTGCCGTGGTGAA	NC_000016 REGION: 29725356..29730005	2310-3028	0	none			
RNAi Hsp70x F RNAi Hsp70x R	AAGCATCGCCAGCGAATAAC TCCAGAGTAGCCTCCAAATC	CG31366-RA	2088-2408	303*	HSP68	3	22	14
RNAi Hsc70-2 F RNAi Hsc70-2 R	CCTTCGACGTCTCCGTAATC GAATGGCCTTCTTGTCATC	CG7756-PA	807-1193	369	HSP70 HSC70-4	1 0	3 7	9 27
RNAi Hsc70-4 F RNAi Hsc70-4 R	TGAACGTGCTGCGTATCATC AACGGGCACGAGTAATCGAG	CG4264-PA	655-1059	387	HSC70-3 HSP70	5 4	18 26	29 37
Transgenic lines								
UAS-HSP67BC-RNAi	Obtained from VDRC			322	HSP27	0	1	6

* This pool of siRNA's targets both the HSP70A and HSP70B members.
On-target and off-target siRNA's were determined using dsCheck located at <http://dscheck.mai.jp>