

S3 Table: Integration sites of the transgene and primers for genotyping.

The sub-lines of Ola-Tg(actin-DD-YFP) were named by the chromosome carrying the integration, e.g. Ola-Tg(actin-DD-YFP)13. The chromosome cannot be identified in the case of repetitive sequences (Repeat 4).

Integration site (Chromosome: Mb)	Forward (FOR)	Reverse (REV)	Combination for transgene
8: 10,044.60	TCTGATGCCAGCATGCTGTC	CATAATCAAGCCTGGCAGTG	REV, DS5-1
13: 24,192.94	TGTACTCACTGTAGATGTGG	TTGCGAGTCAGCTTACTGC	REV, DS3-1
14: 10,746.85	GCTTCAACATCTGTCCCTGG	CTTCAGTCCTGCATAGGTTGA	FOR, DS3-1
15: 11,274.07	TACCACTGAGCGAGCTGTT	TCATAATGAAGACCACTAGG	REV, DS5-1
19: 16,131.20	GAGAGATGCAATTCACAAGC	CGATCTTCGCGAGCTATGCT	FOR, DS3-1
21: 17,218.32	TTGCTCACTGGCTAGGATTG	ACTGAGTCCTCCGGTCCAAA	FOR, DS3-1
Repeat 4	GAAATGGCTGAACTGTACTGG	n.a.	FOR, DS3-1