# Identification of B52-dependent Gene Expression Signature and Alternative Splicing Using a *D. melanogaster* B52-null Mutant

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**Supplementary Table 1.** Primer sets for RT-PCR

| Primer | Primer sequence | Product size |
|---|---|---|
| B1-tubulin F | CTGGAGCGCATCAATGTCTA | 155bp |
| B1-tubulin R | GACTGGCCGAACACAAAGTT | |
| B52 F | GTCCAAGTCGCCAGTCAAGT | 296bp |
| B52 R | GTGAGGCGTTTCCATTTTTG | |
| CG32548 exon1 F | TCGGACATACTGCCAAATCA | 255bp |
| CG32548 exon1 R | CTCCGTAGTACCGGGTGAAG | |
| CG32548 exon2 F | TTTCCCGCTACAGACTTCGT | 163bp |
| CG32548 exon2 R | CCACGAACTTTGCTGGATCT | |
| CG32548 exon3 F | ACCGGCTCATCAGATTCAAC | 298bp |
| CG32548 exon3 R | GTGCTGTTGCGTGGAGTAGA | |
| CG32548-RB junction F | GACGCCAACTCGAACTCCTA | 235bp |
| CG32548-RB junction R* | TGACCTTCAGCTTACCATCG | |
| CG32548-RC junction F | GGGTTCCCAGCACTCAATTA | 149bp |
| CG32548-RC junction R* | TGACCTTCAGCTTACCATCG | |

* The same reverse primer was used for the RT-PCR analysis of CG32548-RB and RC.