**S1 Table Primer sequences for qRT-PCR**

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| **Gene Name** | **GenBank** | **Primer Sequences**  |
| *Rb11a* | CGI\_10005650 | F ACCAATCTTCTGTCCAGGTTCAC |
| R GCCTTCAATGTCTTTCCGTCT |
| *Abca1* | CGI\_10020425 | F ATGTAGGTCAGGTCACGGTTCT |
| R CCTTGCCATGAGTCGGTTG |
| *Abca3* | CGI\_10021664 | F CAAGGCAAGGTTCACCGAGTT |
| R CTGGAACCGACCCACATTT |
| *Efcb5* | CGI\_10008411 | F CGACCACAGTGGAATTGGGT |
| R CATCTGCGAGGGTTTCGTAC |
| *Scp* | CGI\_10006806 | F CTTCAGGGCGTTTGGTCAC |
| R TGGGAACTTTATCATTGGATGC |
| *Notch* | CGI\_10013186 | F CTGCTTTGCTGGTGCCTGT |
| R GAGCGAGGACCCACATAACC |
| Rab7a | CGI\_10001648 | F AATAGAGCGGTGACTGCTAAGAG |
| R TAGCGACAGTTTGGAAAGCCT |
| Notch2-human | CGI\_10007010 | F ATCTGTGGTTCAAACGCTAAGTG |
| R ACAAGTCCCAAACGCATCC |
| Tyr-3 | CGI\_10009318 | F TCACCCAAGCCAGCAGATTAT |
| R TTGTACCACCCGTCGTAGTTAAG |
| Pif | CGI\_10012353 | F ACGCCAACTGTCCTTATG |
| R TGATCCAACCTACACTCCC |
| Tsg101 | CGI\_10028835 | F ATGACCCAGTTCAAAGATTTACG |
| R GGTGCCATCCAAGTTCAGAAG |
| Notch2-rat | CGI\_10004966 | F AACATCCCAACTCCGTCACC |
| R CGCTTCTGCTACATTGCCAAC |
| Dyi3 | CGI\_10019307 | F CATGGTAGGATGTGAACAAGGCT |
| R AATGGATTGCGTTGAAGTGAGTAG |
| Tyr1 | CGI\_10009319 | F TGTTTGTAGCTTATGTTGCCGTG |
| R TGATGGGCGACAGACTCTACC |

F: Forward primer; R: Reverse primer.