**Supplementary File 5**

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| **Product name** | **Cat No.** | **Target sequence** |
| Mm\_Trp53\_5 | SI04394257 | CTGGGACAGCCAAGTCTGTTA |
| Mm\_Trp53\_4 | SI01456532 | TGGAGAGTATTTCACCCTCAA |
| Mm\_Trp53\_3 | SI01456525 | ACCGCCGTACAGAAGAAGAAA |
| Mm\_Trp53\_1 | SI01456511 | CCGGGTGGAAGGAAATTTGTA |
| Mm\_Tfdp1\_7 | SI02710834 | CAGAATCTTAGTCCTGGGAAA |
| Mm\_Tfdp1\_6 | SI02688840 | AAAGGTCTTTATAGACCAGAA |
| Mm\_Tfdp1\_5 | SI02668918 | CACACCAGTGACAATGACAAA |
| Mm\_Tfdp1\_1 | SI00183995 | AACGACGAGGAGGATTGATTA |
| AllStars Negative Control siRNA | 1027280 |  |