**Supplementary file 1. List of primers and TaqMan probes**

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| --- | --- | --- | --- | --- |
| **Gene name** | **Species** | **Application, Chemistry** | **Company** | **Sequence/Cat. No.** |
| Atg14 f/f | Mouse | Genotyping | IDT | P1: TTGACCGTCACAGGGTGTGAGTGACTT  P2: AAGCAGAGTTAGGCTTCCCTGGTAGAA  P3: CCCATCTCCATTCCTGGATTACTGGAC  P4: CTAAAGCGCATGCTCCAGACTGCCTTG |
| PRCre | Mouse | Genotyping | IDT | P1: ATGTTTAGCTGGCCCAAA TG  P2: TAT ACC GAT CTC CCT GGA CG  P3: CCC AAA GAG ACA CCA GGA AG |
| Foxj1Cre | Mouse | Genotyping | IDT | P1: ATTTGGGCCAGCTAAACATGC  P2: GCAAAACAGGTAGTTATTCGG |
| *Esr1* | Mouse | qPCR, TaqMan | ABI | Mm00433149\_m1 |
| *Pgr* | Mouse | qPCR, TaqMan | ABI | Mm00435628\_m1 |
| *Atg14* | Mouse | qPCR, TaqMan | ABI | Mm00553733\_m1 |
| *Tnf-alpha* | Mouse | qPCR, TaqMan | ABI | Mm00443258\_m1 |
| *Cxcr3* | Mouse | qPCR, TaqMan | ABI | Mm99999054\_s1 |
| *Lif* | Mouse | qPCR, TaqMan | ABI | Mm00434761\_m1 |
| *Mcm2* | Mouse | qPCR, TaqMan | ABI | Mm00484804\_m1 |
| *Ccnd1* | Mouse | qPCR, TaqMan | ABI | Mm00432359\_m1 |
| *Fgf18* | Mouse | qPCR, TaqMan | ABI | Mm00433286\_m1 |
| *ATG14* | Human | qPCR, TaqMan | ABI | Hs00208732\_m1 |
| *18S* | HumanMouse | qPCR, TaqMan | ABI | 4318839 |

\*All primer sequences are written 5’ to 3’

ABI-applied biosystems

IDT-integrated DNA technologies.