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| --- | --- | --- | --- | --- | --- |
| Primer | Sequence (5’-3’) | Anealing temp(℃) | Product (bp) | Use | Reference |
| 11β-HSD1 F | GCTCCCTTTCCCCCTTAACC | 60 | 513 | Triple-transgenic mice | [1] |
| 11β-HSD1 R | AGGCCAAGAAGATCCCCAGA |
| CHOP-3 F | AGGGAAATGATCCAGAAAGTGC | 57 | 506 | Triple-transgenic mice | [1] |
| CHOP-3 R | GGACGCAGGGTCAAGAGTAGTG |
| hIAPP-3 F | GAAACGGAAACAGAGTGG | 57 | 445 | Triple-transgenic mice | [1] |
| hIAPP-3 R | GTTGCTGGAATGAACTAAAA |
| CHOP-1 F | ATCTCGGCAGGAGGACG | 60 | 358 | CHOP-transgenic mice | n/a |
| CHOP-1 R | GCTTTGGGATGTGCGTGT |
| hIAPP-2 F | CTTCCTCAGCTCCTTCCA | 58 | 910 | Double-transgenic mice | n/a |
| hIAPP-2 R | CTCCGCTCCATCGTTCA |

**Reference**

1. Kong S, Jinxue R, Xin L, et al. Multi-transgenic minipig models exhibiting potential for hepatic insulin resistance and pancreatic apoptosis[J]. Molecular Medicine Reports, 2016, 13(1):669-680.