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| Gene name | Forward Primer | Reverse Primer |
| *Ocn* | CTGACCTCACAGATCCCAAGC | TGGTCTGATAGCTCGTCACAAG |
| *Osx* | GGAAAGGAGGCACAAAGAAGC | CCCCTTAGGCACTAGGAGC |
| *Alp* | CCAACTCTTTTGTGCCAGAGA | GGCTACATTGGTGTTGAGCTTTT |
| *Runx2* | GACTGTGGTTACCGTCATGGC | ACTTGGTTTTTCATAACAGCGGA |
| *Opn* | ATCTCACCATTCGGATGAGTCT | TGTAGGGACGATTGGAGTGAAA |
| *Sox9* | AGTACCCGCATCTGCACAAC | ACGAAGGGTCTCTTCTCGCT |
| *Col2a1* | GGGTCACAGAGGTTACCCAG | ACCAGGGGAACCACTCTCAC |
| *Sirt1* | TGATTGGCACCGATCCTCG | CCACAGCGTCATATCATCCAG |
| *Sod1* | AACCAGTTGTGTTGTCAGGAC | CCACCATGTTTCTTAGAGTGAGG |
| *Sod2* | CAGACCTGCCTTACGACTATGG | CTCGGTGGCGTTGAGATTGTT |