

| Gene Name | Pos / Mbp | OB Expression | PosMed Search | Funktion |
|---|---------------|---------------|---------------|---|
| D14Mit90 72.276 | | | | |
| Fndc3a | 72.5 - 72.7 r | xx | x | fibronectin type III domain containing 3A |
| Cysltr2 | 73.05 r | x | x | cysteinyl leukotriene receptor 2 |
| Rcbtb2 | 73.2 f | xxx | | regulator of chromosome condensation (RCC1) and BTB (POZ) domain containing protein 2 |
| Rb1 | 73.18 r | xx | xxx | Retinoblastoma susceptibility |
| miRNA687(homol) | 73.2 | o | | micro RNA |
| Lpar6 | 73.24 f | xx | | lysophosphatidic acid receptor 6 |
| Ltm2b | 73.36 r | xxx | | integral membrane protein 2B |
| Med4 | 73.5 f | o | | mediator of RNA polymerase II transcription, subunit 4 homolog (yeast) |
| Nudt15 | 73.5 r | o | | nudix (nucleoside diphosphate linked moiety X)-type motif 15 |
| Sucla2 | 73.5 f | xx | | succinate-Coenzyme A ligase, ADP-forming, beta subunit |
| AC155246.1 | 73.6 f | x | | unknown, protein coding |
| AC131029.1 | 73.7 | x | | snRNA |
| Gm6984 | 73.9 r | o | | pseudogene |
| Htr2a | 74.6 - 74.7 f | xxx | x | 5-hydroxytryptamine (serotonin) receptor 2A |
| Esd | 73.7 f | xxx | x | esterase D/formylglutathione hydrolase |
| Lrch1 | 74.7 - 74.9 r | xxx | | leucine-rich repeats and calponin homology (CH) domain containing 1 |
| D14Mit225 74.930 | | | | |
| o: < 0.01 x: 0.01 - 0.1 xx: 0.1 - 1 xxx: > 1 | | | | |

Table S2: List of annotated genes on mouse chromosome 14, 72 600 000 Mbp - 75 300 000 Mbp, their function, expression in osteoblasts and evidence for an association with osteosarcoma by PosMed-search.