Table S3 Results of total RNA quality detection in mouse tibial samples

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Samples | RNA concentration (ng/μL) | OD  (260/280) | OD  (260/230) | 28S/18S | RIN |
| +Ca+B 1 | 81.60 | 2.1 | 2.17 | 2.5 | 9.2 |
| +Ca+B 2 | 797.65 | 2.102 | 2.264 | 2.3 | 7.5 |
| +Ca+B 3 | 520.54 | 2.141 | 2.215 | 2 | 6.6 |
| +Ca+B 4 | 568.74 | 2.08 | 2.202 | 2.3 | 7.7 |
| +Ca+B 5 | 431.72 | 2.197 | 2.044 | 3.4 | 8 |
| +Ca+B 6 | 373.59 | 2.124 | 2.109 | 2.3 | 6.6 |
| -Ca+B 1 | 204.52 | 1.97 | 1.906 | 2.7 | 8.3 |
| -Ca+B 2 | 349.04 | 2.121 | 2.199 | 3.2 | 8 |
| -Ca+B 3 | 376.41 | 2.122 | 2.212 | 2.3 | 7.3 |
| -Ca+B 4 | 376.12 | 2.124 | 2.225 | 2.2 | 7.1 |
| -Ca+B 5 | 488.8 | 2.129 | 2.219 | 2.4 | 7.3 |
| -Ca+B 6 | 533.93 | 2.089 | 2.088 | 2.1 | 7.1 |
| +Ca-B 1 | 319.15 | 2.118 | 2.142 | 2.8 | 7.3 |
| +Ca-B 2 | 444.61 | 2.129 | 2.225 | 2.4 | 7.4 |
| +Ca-B 3 | 355.84 | 2.12 | 2.147 | 2.3 | 7.4 |
| +Ca-B 4 | 321.11 | 2.114 | 1.972 | 3.2 | 7.7 |
| +Ca-B 5 | 322.06 | 2.119 | 2.02 | 2.2 | 6.8 |
| +Ca-B 6 | 191.93 | 2.11 | 2.212 | 3.1 | 7 |
| -Ca-B 1 | 409.89 | 2.123 | 2.086 | 2 | 7.2 |
| -Ca-B 2 | 128.34 | 2.072 | 1.947 | 4.8 | 7.2 |
| -Ca-B 3 | 535.25 | 2.109 | 1.788 | 2 | 6.5 |
| -Ca-B 4 | 218.38 | 2.101 | 2.136 | 3.6 | 8.1 |
| -Ca-B 5 | 424.42 | 2.12 | 2.192 | 2 | 6.5 |
| -Ca-B 6 | 581.31 | 2.082 | 2.196 | 3.2 | 8.2 |