Table S4 Sequencing quality results of mouse tibia samples

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Sample | Raw Q30 number | Q20 | Q30 | Useful read | Useful bases |
| +Ca+B 1 | 6954260035 | 98.25 | 94.9 | 94.18 | 94.18 |
| +Ca+B 2 | 7122592516 | 98.29 | 94.98 | 94.04 | 94.04 |
| +Ca+B 3 | 7532658484 | 98.54 | 95.68 | 94.21 | 94.21 |
| +Ca+B 4 | 7570014806 | 98.47 | 95.39 | 94.16 | 94.16 |
| +Ca+B 5 | 7221066052 | 98.04 | 94.36 | 94.12 | 94.12 |
| +Ca+B 6 | 7082816309 | 98.25 | 95.02 | 94.35 | 94.35 |
| -Ca+B 1 | 7168173398 | 98.14 | 94.66 | 94.27 | 94.27 |
| -Ca+B 2 | 6807184199 | 98.21 | 94.78 | 94.36 | 94.36 |
| -Ca+B 3 | 6505978128 | 98.09 | 94.48 | 94.33 | 94.33 |
| -Ca+B 4 | 6328608409 | 97.93 | 94.12 | 94.33 | 94.33 |
| -Ca+B 5 | 6110583053 | 98.34 | 95.19 | 94.39 | 94.39 |
| -Ca+B 6 | 6923142626 | 98.24 | 94.85 | 94.28 | 94.28 |
| +Ca-B 1 | 7302422739 | 98.22 | 94.89 | 94.4 | 94.4 |
| +Ca-B 2 | 6175325850 | 98.15 | 94.72 | 94.24 | 94.24 |
| +Ca-B 3 | 7543586318 | 98.34 | 95.09 | 94.27 | 94.27 |
| +Ca-B 4 | 7326435773 | 98.44 | 95.51 | 94.33 | 94.33 |
| +Ca-B 5 | 7260570203 | 98.32 | 95.12 | 94.16 | 94.16 |
| +Ca-B 6 | 6637970438 | 98.19 | 94.77 | 94.45 | 94.45 |
| -Ca-B 1 | 7172875691 | 98.34 | 95.1 | 94.16 | 94.16 |
| -Ca-B 2 | 7559908082 | 98.52 | 95.68 | 94.52 | 94.52 |
| -Ca-B 3 | 6487913070 | 98.28 | 95.02 | 94.4 | 94.4 |
| -Ca-B 4 | 7831560034 | 98.45 | 95.45 | 94.44 | 94.44 |
| -Ca-B 5 | 7505748763 | 98.27 | 94.98 | 94.31 | 94.31 |
| -Ca-B 6 | 7457435732 | 98.32 | 95.05 | 94.41 | 94.41 |