Table S5 Comparison results of sample and reference genes

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| Sample | Clean Reads | Total Mapped | Multi Mapped | Unique Mapped |
| +Ca+B 1 | 45706696 | 43972156(96.21%) | 3639114 (8.28%) | 40333042 (91.72%) |
| +Ca+B 2 | 46704622 | 44916921(96.17%) | 3942451 (8.78%) | 40974470 (91.22%) |
| +Ca+B 3 | 49120200 | 47333928(96.36%) | 4524774 (9.56%) | 42809154 (90.44%) |
| +Ca+B 4 | 49484020 | 47687011(96.37%) | 3665035 (7.69%) | 44021976 (92.31%) |
| +Ca+B 5 | 47699844 | 45935065(96.30%) | 2554388 (5.56%) | 43380677 (94.44%) |
| +Ca+B 6 | 46574156 | 44780502(96.15%) | 3612270 (8.07%) | 41168232 (91.93%) |
| -Ca+B 1 | 47276538 | 45496132(96.23%) | 3526647 (7.75%) | 41969485 (92.25%) |
| -Ca+B 2 | 44877226 | 43186660(96.23%) | 3684271 (8.53%) | 39502389 (91.47%) |
| -Ca+B 3 | 43014088 | 41346409(96.12%) | 4367107(10.56) | 36979302 (89.44%) |
| -Ca+B 4 | 42005810 | 40397509(96.17%) | 2907139 (7.20%) | 37490370 (92.80%) |
| -Ca+B 5 | 40127744 | 38654546 96.33%) | 3825508 (9.90%) | 34829038 (90.10%) |
| -Ca+B 6 | 45575302 | 43867948(96.25%) | 2885793 (6.58%) | 40982155 (93.42%) |
| +Ca-B 1 | 48112412 | 46214765(96.06%) | 5041618(10.91) | 41173147 (89.09%) |
| +Ca-B 2 | 40688786 | 39165959(96.26%) | 2654493 (6.78%) | 36511466 (93.22%) |
| +Ca-B 3 | 49527362 | 47753098(96.42%) | 4367583 (9.15%) | 43385515 (90.85%) |
| +Ca-B 4 | 47918370 | 46071160(96.15%) | 3029049 (6.57%) | 43042111 (93.43%) |
| +Ca-B 5 | 47601050 | 46001160(96.64%) | 3203336 (6.96%) | 42797824 (93.04%) |
| +Ca-B 6 | 43810194 | 42148714(96.21%) | 4282718(10.16) | 37865996 (89.84%) |
| -Ca-B 1 | 47034018 | 45332868(96.38%) | 4215348 (9.30%) | 41117520 (90.70%) |
| -Ca-B 2 | 49457836 | 47648249(96.34%) | 4999598(10.49) | 42648651 (89.51%) |
| -Ca-B 3 | 42687844 | 40850753(95.70%) | 3510785 (8.59%) | 37339968 (91.41%) |
| -Ca-B 4 | 51313520 | 49450024(96.37%) | 4125830 (8.34%) | 45324194 (91.66%) |
| -Ca-B 5 | 49352774 | 47599282(96.45%) | 3531371 (7.42%) | 44067911 (92.58%) |
| -Ca-B 6 | 49052364 | 46983939(95.78%) | 5294864(11.27) | 41689075 (88.73%) |