**Supporting Information**

Table S1.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Library/primer type | Sample / Rep  | Tag/Index  | Yield (GB) |  Row Reads  |  |  |
| Lib. 1. Non-HPLC | Leaf CTR\_00 h /R1 | ATCACG  | 1,355 | 14,299,136 |  |  |
| Lib. 1. HPLC | Leaf CTR\_00 h /R2 | CCGTCC  | 1,045 | 10,962,764 |  |  |
| Lib. 2. Non-HPLC | Leaf CTR\_00 h /R3 | CGATGT  | 2,200 | 23,084,764 |  |  |
| Lib. 2. HPLC | Leaf CTR\_00 h /R4 | GTAGAG  | 982 | 10,319,494 |  |  |
| Lib. 3. Non-HPLC | Leaf CTR\_00 h /R5 | TTAGGC  | 1,724 | 18,140,264 |  |  |
| Lib. 3. HPLC | Leaf CTR\_00 h /R6 | GTCCGC  | 1,119 | 11,751,364 |  |  |
| Lib. 4. Non-HPLC | Leaf CTR\_06 h /R1 | TGACCA  | 2,085 | 21,904,108 |  |  |
| Lib. 4. HPLC | Leaf CTR\_06 h /R2 | GTGAAA  | 1,026 | 10,766,412 |  |  |
| Lib. 5. Non-HPLC | Leaf CTR\_06 h /R3 | CACTGT | . | . |  |  |
| Lib. 5. HPLC | Leaf CTR\_06 h /R4 | GTGGCC  | 1,273 | 13,362,088 |  |  |
| Lib. 6. Non-HPLC | Leaf CTR\_06 h /R5 | GCCAAT  | 1,375 | 14,459,178 |  |  |
| Lib. 6. HPLC | Leaf CTR\_06 h /R6 | GTTTCG  | 987 | 10,365,066 |  |  |
| Lib. 7. Non-HPLC | Leaf STR\_06 h /R1 | CAGATC  | 1,595 | 16,771,012 |  |  |
| Lib. 7. HPLC | Leaf STR\_06 h /R2 | CGTACG  | 1,156 | 12,130,828 |  |  |
| Lib. 8. Non-HPLC | Leaf STR\_06 h /R3 | ACTTGA  | 1,566 | 16,458,846 |  |  |
| Lib. 8. HPLC | Leaf STR\_06 h /R4 | GAGTGG  | 952 | 9,981,366 |  |  |
| Lib. 9. Non-HPLC | Leaf STR\_06 h /R5 | GATCAG  | 1,742 | 18,340,684 |  |  |
| Lib. 9. HPLC | Leaf STR\_06 h /R6 | GGTAGC  | 1,171 | 12,287,296 |  |  |
| Lib. 10. Non-HPLC | Leaf CTR\_24 h /R1 | TAGCTT  | 1,211 | 12,733,646 |  |  |
| Lib. 10. HPLC | Leaf CTR\_24 h /R2 | ACTGAT  | 1,044 | 10,952,164 |  |  |
| Lib. 11. Non-HPLC | Leaf CTR\_24 h /R3 | GGCTAC  | 1,365 | 14,364,874 |  |  |
| Lib. 11. HPLC | Leaf CTR\_24 h /R4 | ATGAGC  | 1,161 | 12,210,772 |  |  |
| Lib. 12. Non-HPLC | Leaf CTR\_24 h /R5 | CTTGTA  | 1,541 | 16,181,450 |  |  |
| Lib. 12. HPLC | Leaf CTR\_24 h /R6 | ATTCCT  | 1,153 | 12,096,176 |  |  |
| Lib. 13. Non-HPLC | Leaf STR\_24 h /R1 | AGTCAA  | 1,366 | 14,368,884 |  |  |
| Lib. 13. HPLC | Leaf STR\_24 h /R2 | CAAAAG  | 1,062 | 11,152,362 |  |  |
| Lib. 14. Non-HPLC | Leaf STR\_24 h /R3 | AGTTCC  | 1,560 | 16,404,210 |  |  |
| Lib. 14. HPLC | Leaf STR\_24 h /R4 | CAACTA  | 1,338 | 14,029,986 |  |  |
| Lib. 15. Non-HPLC | Leaf STR\_24 h /R5 | ATGTCA  | 1,570 | 16,508,928 |  |  |
| Lib. 15. HPLC | Leaf STR\_24 h /R6 | CACCGG  | 1,136 | 11,933,690 |  |  |

CTR=Control, STR= 150 mM NaCl, \_00=0 h after NaCl; \_06=6 h after NaCl; \_24= 24 h after NaCl.