

S1 Fig. Sequencing results of *P. falciparum* samples before (A) and after (B) pre-amplification.

| Sample ID | <i>pfcr</i> | | | | | <i>K13</i> | | <i>pfmdr1</i> | | | |
|-----------|-------------|------|------|------|-------|------------|--------|---------------|--------|--------|--|
| | I66T | M74I | N75E | K76T | K120E | S477S | T1069T | Q1195Q | S1214L | D1246Y | |
| 17PM27 | M | W | W | W | M | W | W | W | W | W | |
| 17PM68 | W | W | W | W | W | W | W | M | M | W | |
| 17PM72 | W | W | W | W | W | W | W | W | W | W | |
| 17PM73 | W | W | W | W | W | W | W | W | W | W | |
| 17PM74 | W | W | W | W | W | W | W | W | W | W | |
| 17PM76 | W | W | W | W | W | W | M | W | W | W | |
| 17PM77 | W | W | W | W | W | W | W | W | W | W | |
| 17PM78 | W | W | W | W | W | W | W | W | W | W | |
| 17PM94 | W | W | W | W | W | W | W | W | W | W | |
| 17PM96 | W | W | W | W | W | W | W | W | W | W | |
| 17PM103 | W | W | W | W | W | W | W | W | W | W | |
| 17PM105 | W | W | W | W | W | W | W | W | W | W | |
| 17PM111 | W | W | W | W | W | W | W | W | W | W | |
| 17PM117 | W | W | W | W | W | M | W | W | W | W | |
| L058 | W | M | M | M | W | W | W | W | W | W | |
| L060 | W | M | M | M | W | W | W | W | W | W | |
| L111 | W | M | M | M | W | W | W | W | W | W | |
| L198 | W | M | M | M | W | W | W | W | W | W | |
| L214 | W | M | M | M | W | W | W | W | W | W | |
| L225 | W | M | M | M | W | W | W | W | W | M | |
| L231 | W | M | M | M | W | W | W | W | W | W | |

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|-----------|-------------|------|------|------|-------|------------|--------|---------------|--------|--------|--|
| | I66T | M74I | N75E | K76T | K120E | S477S | T1069T | Q1195Q | S1214L | D1246Y | |
| 17PM27 | M | W | W | W | M | W | W | W | W | W | |
| 17PM68 | W | W | W | W | W | W | W | M | M | W | |
| 17PM72 | W | W | W | W | W | W | W | W | W | W | |
| 17PM73 | MD | MD | MD | MD | MD | W | MD | MD | MD | MD | |
| 17PM74 | W | W | W | W | W | W | W | W | W | W | |
| 17PM76 | W | W | W | W | W | W | M | W | W | W | |
| 17PM77 | W | W | W | W | W | W | W | W | W | W | |
| 17PM78 | W | W | W | W | W | W | W | W | W | W | |
| 17PM94 | W | W | W | W | W | W | W | W | W | W | |
| 17PM96 | W | W | W | W | W | W | W | W | W | W | |
| 17PM103 | W | W | W | W | W | W | W | W | W | W | |
| 17PM105 | W | W | W | W | W | W | W | W | W | W | |
| 17PM111 | W | W | W | W | W | W | W | W | W | W | |
| 17PM117 | W | W | W | W | W | M | W | W | W | W | |
| L058 | W | M | M | M | W | W | W | W | W | W | |
| L060 | W | M | M | M | W | W | W | W | W | W | |
| L111 | W | M | M | M | W | W | W | W | W | W | |
| L198 | W | M | M | M | W | W | W | W | W | W | |
| L214 | W | M | M | M | W | W | W | W | W | W | |
| L225 | W | M | M | M | W | W | W | W | W | M | |
| L231 | W | M | M | M | W | W | W | W | W | W | |

M = Mutant allele W = Wild-type allele MD = Missing Data