

Table SI. Multiplexed PCR cocktail, without DNA (same multiplexed assays, different DNA).

| Reagent | Concentration in 4 μ l | Volume (1 reaction) |
|---|-----------------------------------|---------------------|
| Water (HPLC grade) | N/A | 1.8 μ l |
| 10X PCR buffer with 20 mM MgCl ₂ | 1.25X (2.5 mM MgCl ₂) | 0.5 μ l |
| MgCl ₂ (25 mM) | 2.5 mM | 0.4 μ l |
| dNTP mix (25 mM each) | 625 μ M | 0.1 μ l |
| Primer mix (500 nM each) | 125 nM | 1.0 μ l |
| PCR enzyme (5 U/ μ l) | 1.0 U | 0.2 μ l |
| Total volume | | 4 μ l |