Table S2 PCR reaction system

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| Components | Consumption(μL) |
| DNA(>100ng/μL) | 1.0 |
| Upstream Primers (100μM) | 1.0 |
| Downstream Primers (100μM) | 1.0 |
| Biotin -11-dUTP(1Mm) | 1.0 |
| 2×Taq PCR StarMix with Loading Dye | 10.0 |
| ddH2O | 6.0 |
| total | 20.0 |