**Contribution of genetic factors to high rates of neonatal hyperbilirubinaemia on the Thailand-Myanmar border**

**S1 Table.** Primers, PCR conditions, restriction enzyme and band interpretation for genotyping of allele \*6 and promoter of the human UGT1A1 gene.

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| **Assay** | **Oligonucleotide sequence** | **Annealing temperature** | **Restriction enzyme** | **Fragments’ size** |
| UGT1A1\*6 | 5’-AGATACTGTTGATCCCAGTG-3’5’-CTTCAAGGTGTAAAATGGTC-3’ | 56°C | *AvaII* | WT=146bpMutation=126bp |
| UGT1A1 Promoter | 5’-TAA CTT GGT GTA TCG ATT GGT-3’5’-CTT TGC TCC TGC CAG AGG TT-3’ | 58°C | N.A | TA5=71bp (\*36) TA6=73bp (WT)TA7=75bp (\*28)TA8=77bp (\*37) |