

Supplemental Table 1. Two-tube multiplex primer sequences and concentrations for α -globin gene deletion or duplication screening in the Silent Cerebral Infarct Transfusion Trial

Set 1*	Concentration	Sequence
3.7-R1	0.1uM	ATG AGA GAA ATG TTC TGG CAC CTG CAC TTG
3.7-R2	0.1uM	TCC ATC CCC TCC TCC CGC CCC TGC CTT TTC
3.7-F	0.4uM	AAG TCC ACC CCT TCC TTC CTC ACC
Set 2†	Concentration	Sequence
20.5-F	0.3uM	GCC CAA CAT CCG GAG TAC ATG
a2-R	0.3uM	AGA CCA GGA AGG GCC GGT G
4.2-F	0.5uM	GGT TTA CCC ATG TGG TGC CTC
4.2-R	0.5uM	CCC GTT GGA TCT TCT CAT TTC CC
SEA-F	0.2uM	CGA TCT GGG CTC TGT GTT CTC
SEA-R	0.2uM	AGC CCA CGT TGT GTT CAT GGC
THAI-F	0.3uM	GAC CAT TCC TCA GCG TGG GTG
THAI-R	0.3uM	CAA GTG GGC TGA GCC CTT GAG
MED-F	0.2uM	TAC CCT TTG CAA GCA CAC GTA C
MED-R	0.2uM	TCA ATC TCC GAC AGC TCC GAC
FIL-F	1.0uM	TTT AAA TGG GCA AAA CAG GCC AGG
FIL-R	1.0uM	ATA ACC TTT ATC TGC CAC ATG TAG C
3.7-F	0.4uM	AAG TCC ACC CCT TCC TTC CTC ACC

* Primers adapted from Liu *et al.*¹

† Primers adapted from Tan *et al.*²

1 Liu YT, Old JM, Miles K, Fisher CA, Weatherall DJ, Clegg JB. Rapid detection of alpha-thalassaemia deletions and alpha-globin gene triplication by multiplex polymerase chain reactions. *Br J Haematol.* 2000;108(2):295-299.

2 Tan AS, Quah TC, Low PS, Chong SS. A rapid and reliable 7-deletion multiplex polymerase chain reaction assay for alpha-thalassemia. *Blood.* 2001;98(1):250-251.