

Supplementary Table I. Centre wise HemoTypeSC vs. HPLC results for newborn babies

Centre	HemoTypeSC results	Variant HPLC results			Total
		Normal (AA)	Sickle cell trait (AS)	Sickle cell disease (SS/S β)	
I	Normal (AA)	260	0	0	260
ICMR-RMRC, (Bhubaneswar)	Sickle cell trait (AS)	0	38	0	38
	Sickle cell disease (SS/ S β)	0	0	3	3
	Total	260	38	3	301
II	Normal (AA)	292	1	0	293
ICMR-NIIH, (Chandrapur)	Sickle cell trait (AS)	0	24	0	24
	Sickle cell disease (SS/ S β)	0	0	1	1
	Total	292	25	1	318
III	Normal (AA)	317	0	0	317
ICMR-NIRRH, (Dahanu)	Sickle cell trait (AS)	0	26	0	26
	Sickle cell disease (SS/ S β)	0	0	2	2
	Total	317	26	2	345
IV	Normal (AA)	207	5	0	212
SEWA rural, (Jhagadia)	Sickle cell trait (AS)	2	35	0	37
	Sickle cell disease (SS/ S β)	0	0	2	2
	Total	209	40	2	251
V	Normal (AA)	248	0	0	248
ICMR-NIRTH, (Jabalpur)	Sickle cell trait (AS)	0	47	0	47
	Sickle cell disease (SS/ S β)	0	0	5	5
	Total	248	47	5	300
VI	Normal (AA)	184	2	1	187
ICMR- NIIRNCD, (Rajasthan)	Sickle cell trait (AS)	0	22	0	22
	Sickle cell disease (SS/ S β)	0	0	1	1
	Total	184	24	2	210
	Total	1510	200	15	1725