

Table 5 Prevalence of confirmed sickle-cell diseases, non-sickle haemoglobinopathies and haemoglobinopathy carriers among newborns (January 2002 to December 2011) (n = 542 286)

Type	Diseased			Carriers		
	No. identified	Incidence	Prevalence (%)	No. identified	Incidence	Prevalence (%)
Sickle Hb	231 ^a	1:238	0.04	4481	1:121	0.83
Non-sickle Hb	80	–	–	–	–	–
HbC	11	–	–	69	–	0.02
HbD	65	–	0.01	592	–	0.11
HbE	4	–	–	19	–	–
Unidentified band	–	–	–	11 ^b	–	–
Fetal Hb	–	–	–	15 ^c	–	–

^aSickle-cell diseases: included 203 cases confirmed as homozygous SS and 28 cases confirmed as sickle/beta-thalassaemia; ^b3 diagnosed as HbO Arab by family study;

^cβ-thalassaemia and hereditary persistence of fetal haemoglobin.

Hb = haemoglobin.