

Table S9 Summary statistics and genetic differentiation of 50 kb surrounding tested upstream regions in a Dutch and a Zambian population

Upstream region	Size (bp)														
		Population	Sites ^a	N ^b	S ^c	$\theta^{d,e}$	$\pi^{d,f}$	nHap ^g	HapDiv ^h	Dxy _{sim} ^{d,i}	TajD ^j	P _{priv} ^k	D _{fixed} ^l	Dxy _{pop} ^{d,m}	Fst ⁿ
Cyp6a20	50,768	Netherlands	36,036	11	324	0.307	0.284	8	0.927	5.291	-0.375	38	0	0.61	0.266
		Zambia	29,604	196	2,049	1.183	0.793	178	0.999	5.452	-1.132	1,626			
Cyp6t1	51,736	Netherlands	26,569	11	287	0.369	0.300	11	1.000	7.067	-0.903	44	0	0.628	0.366
		Zambia	22,537	196	1,076	0.816	0.570	190	1.000	6.312	-1.022	765			
Cyp12a4	50,571	Netherlands	37,948	11	731	0.658	0.649	10	0.982	4.648	-0.095	41	0	0.874	0.160
		Zambia	29,264	196	2,980	1.740	1.002	185	0.999	4.537	-1.462	2,161			
Cyp12a5	51,220	Netherlands	38,361	11	751	0.668	0.659	10	0.982	4.615	-0.103	41	0	0.889	0.161
		Zambia	29,623	197	3,086	1.778	1.023	187	0.999	4.537	-1.464	2,229			
Cyp12b2	50,447	Netherlands	40,200	11	442	0.375	0.375	11	1.000	3.967	-0.242	68	0	0.771	0.251
		Zambia	38,917	197	3,997	1.753	1.031	186	0.999	4.140	-1.431	3,056			
Cyp28a5	50,618	Netherlands	42,020	11	574	0.466	0.414	11	1.000	4.901	-0.543	86	0	0.602	0.091
		Zambia	37,674	197	4,036	1.829	1.051	191	1.000	4.960	-1.465	3,023			

^aNumber of sites included in the analysis (no missing data)

- ^bNumber of samples
- ^cNumber of segregating sites
- ^dPer 100 sites
- ^eWatterson's estimator of nucleotide diversity
- ^fMean pairwise nucleotide diversity
- ^gNumber of haplotypes
- ^hHaplotype diversity
- ⁱAverage number of nucleotide substitutions per site between population of interest and *D. simulans*
- ^jTajima's D, all tests non-significant ($P > 0.10$)
- ^kNumber of polymorphisms private to the population of interest
- ^lNumber of fixed differences between populations
- ^mAverage number of nucleotide substitutions per site between populations
- ⁿFixation index between populations