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]	θ[d,e]	π[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			

[a]Number of sites included in the analysis (no missing data)

[b]Number of samples
[c]Number of segregating sites
[d]Per 100 sites
[e]Watterson's estimator of nucleotide diversity
[f]Mean pairwise nucleotide diversity
[g]Number of haplotypes
[h]Haplotype diversity
[i]Average number of nucleotide substitutions per site between population of interest and *D. simulans*
[j]Tajima's D, all tests non-significant ($P > 0.10$)
[k]Number of polymorphisms private to the population of interest
[l]Number of fixed differences between populations
[m]Average number of nucleotide substitutions per site between populations
[n]Fixation index between populations