

Table 1: *Plasmodium falciparum* genetic diversity and *msp-1* and *msp-2* allelic diversities

Allelic family	Allelic type	N (%)
<b>msp-1</b>	K1	22 (15.83)
	MAD20	21 (15.11)
	RO33	23 (16.57)
	K1/MAD20	18 (12.95)
	K1/RO33	20 (14.39)
	MAD20/RO33	19 (13.67)
	K1/MAD20/RO33	16 (11.51)
	Total combination	139 (100)
	Total k1	27 (36.47)
	Total MAD20	24 (32.43)
	Total RO33	23 (31.10)
	Total Alleles	74
	MI	16 (64)
	MOI	2.64
<b>msp-2</b>	3D7	22 (40.74)
	FC27	18 (33.33)
	3D7/FC27	14 (24.93)
	Total combination	54 (100)
	Total 3D7	24 (54.54)
	Total FC27	20 (45.46)
	Total Alleles	44
	MI	14 (76)
	MOI	1.76

MI: Prevalence of multiple-infections, MOI: Multiplicity of infection

Table 2: Comparative analysis of *P. falciparum* genetic diversity before and after short-term culture adaptation

		MSP-1		MSP-2			MSP-1		MSP-2		
		Day 0					Day 28				
Number of clones per isolate	Isolates	K1	MAD20	RO33	3D7	FC27	K1	MAD20	RO33	3D7	FC27
	ACC001	2	1	1	1	1	1	0	0	0	1
	ACC003	2	1	1	2	1	1	0	1	1	0
	ACC004	1	2	1	1	1	0	1	0	0	1
	ACC005	1	1	1	1	1	0	1	0	1	0
	ACC006	2	1	0	2	1	1	0	0	1	1
	ACC013	1	1	1	1	1	1	0	1	1	1
	ACC014	1	1	1	1	1	1	0	0	1	1
	ACC015	1	1	1	1	0	1	0	0	1	0
	ACC018	1	0	1	1	0	0	0	1	1	0
ACC019	1	0	1	1	0	1	0	0	1	0	
<b>Total</b>		13	9	9	12	7	7	2	3	8	5
<b>Percentage</b>		41.94	29.03	29.03	63.16	36.84	58.33	16.67	25.00	61.54	38.46