

Appendix 5 - 10-locus match probabilities

x	$\theta$	Total	y										
			0	1	2	3	4	5	6	7	8	9	10
0	Obs.	236426	6657	29455	55593	62782	46075	23664	8810	2625	617	128	20
	0.000	232423	1363	9862	30714	54348	60652	44679	22012	7154	1463	169	8
	0.005	227842	1152	8620	27833	51196	59540	45819	23644	8073	1741	213	11
	0.050	185993	262	2562	10967	27166	43173	46049	33411	16290	5108	930	74
1	Obs.	85896	3815	3967	22651	21497	13870	6533	2446	811	254	52	
	0.000	92713	1165	6959	17739	25408	22577	12908	4740	1074	135	7	
	0.005	95667	1044	6474	17185	25697	23892	14328	5536	1325	177	10	
	0.050	98550	935	6014	16601	25870	25119	15767	6393	1610	228	14	
2	Obs.	15639	914	2717	4004	3371	2337	1264	658	293	81		
	0.000	15003	374	1833	3796	4349	3012	1289	331	46	3		
	0.005	16427	358	1830	3965	4760	3463	1561	424	63	4		
	0.050	31944	226	1597	4840	8231	8590	5634	2266	510	49		
3	Obs.	2672	134	358	502	506	455	396	244	77			
	0.000	1311	60	240	400	359	187	56	9	1			
	0.005	1526	62	259	454	428	235	75	13	1			
	0.050	4846	71	421	1053	1438	1158	549	142	15			
4	Obs.	622	17	44	97	134	156	112	62				
	0.000	69	5	18	23	16	6	1					
	0.005	86	6	21	29	20	8	2					
	0.050	459	13	66	132	139	81	25					
5	Obs.	218	1	11	33	61	74	38					
	0.000	2	0	1	1	0	0						
	0.005	3	0	1	1	1	0						
	0.050	29	2	6	10	8	3						
6	Obs.	66	1	4	12	24	25						

	0.000	0	0	0	0	0	0
	0.005	0	0	0	0	0	0
	0.050	0	0	0	0	0	0
7	Obs.	10	1	2	3	4	
	0.000	0	0	0	0	0	
	0.005	0	0	0	0	0	
	0.050	0	0	0	0	0	
8	Obs.	1	0	0	1		
	0.000	0	0	0			
	0.005	0	0	0			
	0.050	0	0	0			
9	Obs.	1	0	1			
	0.000	0	0				
	0.005	0	0				
	0.050	0	0				
10	Obs.	0					
	0.000	0					
	0.005	0					
	0.050	0					

x: number of matching loci; y: number of partially matching loci