

表11

英測値	FAM	Both	VIC	sum	PWE test	FAM	Both	VIC	FAM+Both	VIC	VIC-Both	control	P value	OR	OR (95%CI) -	OR (95%CI) +
#59 C 3049235 (FAM/VIC=1/C)	355	0	0	620	0.99939408	355	0	0	620	0	0	control	0	OR	OR (95%CI) -	OR (95%CI) +
%	100%	0%	0%	100%	100%	100%	0%	0%	100%	0%	0%	control	0	OR	OR (95%CI) -	OR (95%CI) +
#61 C 1640216 (FAM/VIC=1/G)	349	0	0	620	0.99919376	349	0	0	620	0	0	control	0	OR	OR (95%CI) -	OR (95%CI) +
%	99.15%	0.85%	0.00%	99.84%	0.99919376	99.15%	0.85%	0.00%	99.84%	0.00%	0.00%	control	0	OR	OR (95%CI) -	OR (95%CI) +
#63 C 3049222 (FAM/VIC=1/C)	350	0	0	620	0.99679033	350	0	0	620	0	0	control	0	OR	OR (95%CI) -	OR (95%CI) +
%	99.15%	0.00%	0.00%	99.52%	0.99679033	99.15%	0.00%	0.00%	99.52%	0.00%	0.00%	control	0	OR	OR (95%CI) -	OR (95%CI) +
#65 C 1640184 (FAM/VIC=6/A)	313	38	3	620	0.30077497	313	38	3	620	0.30077497	0.2978214	control	0	OR	OR (95%CI) -	OR (95%CI) +
%	88.42%	10.73%	0.85%	87.78%	0.30077497	88.42%	10.73%	0.85%	87.78%	0.80%	0.80%	control	0	OR	OR (95%CI) -	OR (95%CI) +
#67 C 3049193 (FAM/VIC=6/A)	353	0	0	622	0.99939408	353	0	0	622	0	0	control	0	OR	OR (95%CI) -	OR (95%CI) +
%	100%	0%	0%	100%	0.99939408	100%	0%	0%	100%	0%	0%	control	0	OR	OR (95%CI) -	OR (95%CI) +
#60 C 1640220 (FAM/VIC=6/A)	283	69	2	472	0.59834292	283	69	2	472	0.59834292	0.32082915	control	0	OR	OR (95%CI) -	OR (95%CI) +
%	79.94%	19.48%	0.56%	76.13%	0.59834292	79.94%	19.48%	0.56%	76.13%	21.45%	21.45%	control	0	OR	OR (95%CI) -	OR (95%CI) +
#62 C 3049233 (FAM/VIC=6/D)	355	0	0	622	0.99919376	355	0	0	622	0	0	control	0	OR	OR (95%CI) -	OR (95%CI) +
%	100%	0%	0%	100%	0.99919376	100%	0%	0%	100%	0%	0%	control	0	OR	OR (95%CI) -	OR (95%CI) +
#64 C 1640193 (FAM/VIC=6/A)	220	124	11	382	0.42770325	220	124	11	382	0.42770325	0.442618465	control	0	OR	OR (95%CI) -	OR (95%CI) +
%	61.97%	34.93%	3.10%	61.41%	0.42770325	61.97%	34.93%	3.10%	61.41%	24.57%	24.57%	control	0	OR	OR (95%CI) -	OR (95%CI) +
#66 C 3049217 (FAM/VIC=1/A)	0	0	0	620	0.99939408	0	0	0	620	0	0	control	0	OR	OR (95%CI) -	OR (95%CI) +
%	0%	0%	0%	0%	0.99939408	0%	0%	0%	0%	0%	0%	control	0	OR	OR (95%CI) -	OR (95%CI) +



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sum		355	618				
FME test	0.673409235	0.4328364	0.00%	0.00%			
FAM	0.00%	0.00%	9.01%	9.01%			
Both	90.99%	90.13%	90.13%	90.13%	#DIV/0!		
VIC	0.566608778	0.566608778	0.909134871	0.909134871	0.566608778	1.409990532	1.409990532
allele FAM	1.099946809	0.709727977	1.099946809	0.709727977	1.099946809	1.704713666	1.704713666
allele VIC	0.904633812	0.577257946	0.904633812	0.577257946	0.904633812	1.41767184	1.41767184
FAM+Both	0.70536186	0.4328364	0.70536186	0.4328364	0.70536186	1.732327823	1.732327823
VIC	0.00%	0.00%	100.00%	100.00%	#DIV/0!	#DIV/0!	#DIV/0!
FAM	100.00%	100.00%	100.00%	100.00%	#DIV/0!	#DIV/0!	#DIV/0!
VIC+Both							

  

FAM/VIC=T/G		SLE	control	P value	OR	OR(95%CI)
FAM	1	0.962573719	0.91134201	0.16%		
Both	31	0.53%	9.53%	0.853471561		
VIC	322	0.96%	90.31%	0.943315118	0.61119365	1.455910762
sum	354	0.67%	99.84%	0.792104298	0.88855284	1.436142654

  

FAM/VIC=G/A		SLE	control	P value	OR	OR(95%CI)
FAM	2	0.588376538	0.675532034	0.28%		
Both	34	0.58%	9.97%	0.967303499		
VIC	319	89.86%	89.95%	0.914692026	0.978	0.650
sum	355	0.58%	99.84%	0.914692026	1.023	0.650

  

FAM/VIC=G/A		SLE	control	P value	OR	OR(95%CI)
FAM	0	0.00%	0.00%			
Both	355	0.00%	0.16%			
VIC	620	100.00%	99.84%	0.449484439	0.000	#DIV/0!
sum	975	100.00%	99.92%	0.449484439	0.000	#DIV/0!

  

FAM/VIC=G/A		SLE	control	P value	OR	OR(95%CI)
FAM	1	0.511070294	0.566456369	0.10%		
Both	20	0.51%	5.71%			
VIC	332	0.51%	62.2%			
sum	353	0.51%	67.9%			

sum		354	622				
FME test	0.962573719	0.698934484	0.18%	0.18%			
FAM	0.28%	0.65%	8.76%	8.76%			
Both	90.96%	90.19%	90.19%	90.19%	0.831470011		
VIC	0.566608778	0.566608778	0.932043011	0.60460734	1.436905764	1.436905764	
allele FAM	1.0729186	0.695988299	1.0729186	0.695988299	1.0729186	1.63267421	
allele VIC	0.91959983	0.58321697	0.91959983	0.58321697	0.91959983	1.432267421	
FAM+Both	0.94139929	0.698193637	0.94139929	0.698193637	0.94139929	1.714627747	
VIC	0.00%	0.00%	100.00%	100.00%	0.00%	0.00%	
FAM	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	
VIC+Both							

  

FAM/VIC=T/G		SLE	control	P value	OR	OR(95%CI)
FAM	1	0.916533	0.946134953	0.32%		
Both	32	0.91%	9.52%	0.960504058		
VIC	322	90.70%	90.16%	0.960504058	0.612631629	1.441147721
sum	354	90.66%	90.16%	0.960504058	0.612631629	1.441147721

  

FAM/VIC=G/A		SLE	control	P value	OR	OR(95%CI)
FAM	6	1.36%	5.08%	0.399543953		
Both	168	30.9%	28.23%	0.697124345	0.939160982	1.46826266
VIC	120	49.84%	94.92%	0.77542183	0.607124345	1.632195704
sum	194	82.1%	90.16%	0.77542183	0.607124345	1.632195704

  

FAM/VIC=G/A		SLE	control	P value	OR	OR(95%CI)
FAM	18	21.94%	21.94%	0.162908209		
Both	47	47.32%	28.23%	0.065195447	0.839568	1.011145
VIC	33	33.80%	49.84%	0.681371177	0.988978	1.434503
sum	98	71.77%	71.77%	0.681371177	0.988978	1.434503

  

FAM/VIC=G/A		SLE	control	P value	OR	OR(95%CI)
FAM	2	0.43974703	0.931861877	0.32%		
Both	8	0.76%	9.39%	0.810984255		
VIC	321	90.68%	90.29%	0.810984255	0.935	0.644
sum	331	91.44%	90.29%	0.810984255	0.935	0.644

  

FAM/VIC=G/A		SLE	control	P value	OR	OR(95%CI)
FAM	12	2.9%	8.59%	0.571670945		
Both	342	58.9%	62.0%	0.571670945	0.245	12.478
VIC	29	8.51%	9.32%	0.571670945	0.245	12.478
sum	383	61.4%	62.0%	0.571670945	0.245	12.478

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X	FAM		Both		VIC		allele FAM		allele VIC		FAM+Both		VIC+Both		P value	OR	OR (95%CI)
	0.00%	3.39%	4.68%	96.61%	1.65%	98.31%	3.39%	96.61%	0.63%	1.56%	0.667	1.500	0.32%	99.68%			
#85JST131585 (FAM/VIC=A/G)	control	0	0	0	0	0	0	0	0	0	0	0	0	0	0.351595053	0.324	OR (95%CI)
表測値	FAM	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Both	0	357	622	354	0	0	0	0	0	0	0	0	0			
X	FAM		Both		VIC		allele FAM		allele VIC		FAM+Both		VIC+Both		P value <td rowspan="2">OR <td rowspan="2">OR (95%CI)</td> </td>	OR <td rowspan="2">OR (95%CI)</td>	OR (95%CI)
	0.00%	3.39%	4.68%	96.61%	1.65%	98.31%	3.39%	96.61%	0.63%	1.56%	0.667	1.500	0.32%	99.68%			
#85JST1087231 (FAM/VIC=A/G)	control	0	0	0	0	0	0	0	0	0	0	0	0	0	0.144400475	0.452	OR (95%CI)
表測値	FAM	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Both	0	354	622	354	0	0	0	0	0	0	0	0	0			
X	FAM		Both		VIC		allele FAM		allele VIC		FAM+Both		VIC+Both		P value <td rowspan="2">OR <td rowspan="2">OR (95%CI)</td> </td>	OR <td rowspan="2">OR (95%CI)</td>	OR (95%CI)
	0.00%	3.39%	4.68%	96.61%	1.65%	98.31%	3.39%	96.61%	0.63%	1.56%	0.667	1.500	0.32%	99.68%			
#85JST109343 (FAM/VIC=T/C)	control	0	0	0	0	0	0	0	0	0	0	0	0	0	0.770962031	0.872	OR (95%CI)
表測値	FAM	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Both	0	348	607	355	0	0	0	0	0	0	0	0	0			
X	FAM		Both		VIC		allele FAM		allele VIC		FAM+Both		VIC+Both		P value <td rowspan="2">OR <td rowspan="2">OR (95%CI)</td> </td>	OR <td rowspan="2">OR (95%CI)</td>	OR (95%CI)
	0.00%	3.39%	4.68%	96.61%	1.65%	98.31%	3.39%	96.61%	0.63%	1.56%	0.667	1.500	0.32%	99.68%			
#87JST109344 (FAM/VIC=A/G)	control	0	18	25	0	0	0	0	0	0	0	0	0	0	0.553531208	0.645	OR (95%CI)
表測値	FAM	0	18	25	0	0	0	0	0	0	0	0	0	0			
	Both	0	335	596	353	0	0	0	0	0	0	0	0	0			
X	FAM		Both		VIC		allele FAM		allele VIC		FAM+Both		VIC+Both		P value <td rowspan="2">OR <td rowspan="2">OR (95%CI)</td> </td>	OR <td rowspan="2">OR (95%CI)</td>	OR (95%CI)
	0.00%	3.39%	4.68%	96.61%	1.65%	98.31%	3.39%	96.61%	0.63%	1.56%	0.667	1.500	0.32%	99.68%			
#87JST109344 (FAM/VIC=A/G)	control	0	0	0	0	0	0	0	0	0	0	0	0	0	0.451012215	0.439	OR (95%CI)
表測値	FAM	0	0	0	0	0	0	0	0	0	0	0	0	0			
	Both	0	335	596	353	0	0	0	0	0	0	0	0	0			

表頭	検出	対照	P value	OR	OR(95%CI)	OR(95%CI)
MS306-003 C.265298 (FAM/VIC=C/T) SLE	FAM	0	0	0	0	0
	Both	2	4	0.145	11	0.9775567
	VIC	466	899	0.747	145	0.607581079
	sum	468	903	0.903	156	1.012375719
	HWE test	0.99279918	0.423445651			
	FAM	1.274	1.274	0.12247708		
	Both	20.463	16.063	0.12247708		
	VIC	78.273	82.723	0.061876655		
	allele FAM	11.506	9.253	0.061876655		
	allele VIC	88.506	90.753	0.061876655		
MS306-005 C.593397 (FAM/VIC=C/T) SLE	FAM	411	783	0.107	107	0.738945675
	Both	67	3	0.6	6	1.3904828
	VIC	471	901	0.901	901	0.23042116
	sum	538	984	0.901	907	0.84064268
	HWE test	0.804511071	0.534969047			
	FAM	87.263	87.463	0.990763076		
	Both	12.106	11.883	0.678		
	VIC	0.643	0.643	0.93299781		
	allele FAM	93.313	93.403	0.93299781		
	allele VIC	99.363	99.353	0.93299781		
MS306-007 C.2913512 (FAM/VIC=C/T) SLE	FAM	412	792	0.107	107	0.738945675
	Both	52	3	0.6	6	1.3904828
	VIC	467	904	0.904	904	0.23042116
	sum	519	907	0.904	910	0.84064268
	HWE test	0.635173768	0.004016339			
	FAM	88.223	87.613	0.990763076		
	Both	11.133	11.843	0.678		
	VIC	0.643	0.643	0.93299781		
	allele FAM	93.393	93.533	0.93299781		
	allele VIC	99.363	99.463	0.93299781		
MS306-018 C.11231802 (FAM/VIC=C/T) SLE	FAM	208	400	0.397	397	0.854827855
	Both	216	101	0.101	101	0.837423016
	VIC	474	898	0.898	898	0.758110418
	sum	474	899	0.898	899	0.837423016
	HWE test	0.820343357	0.308185011			
	FAM	44.033	44.643	0.827998661		
	Both	45.573	44.213	0.827998661		
	VIC	10.243	11.253	0.903204272		
	allele FAM	58.893	58.353	0.903204272		
	allele VIC	33.353	33.353	0.903204272		
MS306-028 C.27494462 (FAM/VIC=C/T) SLE	FAM	0	0	0	0	0.973081913
	Both	6	11	0.11	11	0.814092839
	VIC	468	894	0.894	894	0.814092839
	sum	474	905	0.905	905	0.814092839
	HWE test	0.995431082	0.8873887			
	FAM	0.006	0.006	0.995431082		

表頭	検出	対照	P value	OR	OR(95%CI)	OR(95%CI)
MS306-001 C.2637 (FAM/VIC=C/T) SLE	FAM	0	0	0	0	0
	Both	2	4	0.145	11	0.9775567
	VIC	466	899	0.747	145	0.607581079
	sum	468	903	0.903	156	1.012375719
	HWE test	0.99279918	0.423445651			
	FAM	1.274	1.274	0.12247708		
	Both	20.463	16.063	0.12247708		
	VIC	78.273	82.723	0.061876655		
	allele FAM	11.506	9.253	0.061876655		
	allele VIC	88.506	90.753	0.061876655		
MS306-004 C.265298 (FAM/VIC=C/T) SLE	FAM	5	8	0.168	168	0.721574709
	Both	94	728	0.728	728	0.189618865
	VIC	376	904	0.904	904	0.670172378
	sum	475	904	0.904	904	0.670172378
	HWE test	0.448252433	0.884219355			
	FAM	1.063	0.883	0.819698817		
	Both	19.793	18.583	0.819698817		
	VIC	79.103	80.533	0.819698817		
	allele FAM	15.933	15.133	0.819698817		
	allele VIC	89.063	89.823	0.819698817		
MS306-008 JSD102815 (FAM/VIC=C/T) SLE	FAM	2	111	0.111	111	0.738945675
	Both	60	786	0.786	786	0.23042116
	VIC	414	903	0.903	903	0.84064268
	sum	476	900	0.900	900	0.84064268
	HWE test	0.993987303	0.639537403			
	FAM	0.473	0.653	0.841404735		
	Both	12.093	12.293	0.841404735		
	VIC	86.973	87.043	0.841404735		
	allele FAM	6.723	6.913	0.841404735		
	allele VIC	93.283	92.133	0.841404735		
MS306-015 C.15882805 (FAM/VIC=C/T) SLE	FAM	69	83	0.83	83	0.852844281
	Both	412	806	0.806	806	0.318722288
	VIC	472	903	0.903	903	0.852844281
	sum	472	899	0.899	899	0.852844281
	HWE test	0.760839728	0.427828281			
	FAM	0.213	0.583	0.852844281		
	Both	12.503	10.303	0.852844281		
	VIC	87.283	89.153	0.852844281		
	allele FAM	6.453	6.703	0.852844281		
	allele VIC	93.543	94.303	0.852844281		
MS306-029 C.27494462 (FAM/VIC=C/T) SLE	FAM	0	0	0	0	0.973081913
	Both	6	11	0.11	11	0.814092839
	VIC	468	894	0.894	894	0.814092839
	sum	474	905	0.905	905	0.814092839
	HWE test	0.995431082	0.8873887			
	FAM	0.006	0.006	0.995431082		

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表頭	Both		FAM		VIC		FAM+VIC		P value		OR (95%CI)		OR (95%CI)	
	FAM	VIC	FAM	VIC	FAM	VIC	FAM	VIC	FAM	VIC	FAM	VIC	FAM	VIC
KS32E-042 C-30A9181 (FAM/VIC=B/A)	1.27%	1.00%	98.73%	99.00%	1.27%	1.00%	98.73%	99.00%	0.84%	1.22%	98.78%	99.16%	0.83986546	0.21510903
allele FAM	0.63%	0.50%	99.37%	99.50%	0.63%	0.50%	99.37%	99.50%	0.42%	0.61%	99.68%	99.99%	0.49300921	0.46023565
allele VIC	1.27%	1.00%	98.73%	99.00%	1.27%	1.00%	98.73%	99.00%	0.84%	1.22%	98.78%	99.16%	0.83986546	0.21510903
FAM+Both	1.27%	1.00%	98.73%	99.00%	1.27%	1.00%	98.73%	99.00%	0.84%	1.22%	98.78%	99.16%	0.83986546	0.21510903
FAM	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%	100.00%
VIC-Both														
表頭	control		P value		OR (95%CI)		OR (95%CI)		control		P value		OR (95%CI)	
FAM	97	208	0.842270914	0.472357454					42	92	0.9995332	0.916276882		
Both	228	431						429	807					
VIC	149	263						472	902					
sum	474	902						921	1809					
表頭	control		P value		OR (95%CI)		OR (95%CI)		control		P value		OR (95%CI)	
FAM	20.46%	23.06%	0.842270914	0.472357454					8.90%	10.20%	0.882915811	0.882915811		
Both	48.10%	47.78%						8.90%	10.20%					
VIC	31.43%	29.16%						90.89%	89.47%					
sum	44.51%	46.95%						99.79%	99.67%					
allele FAM	55.49%	53.05%	0.306473754	0.714010819	1.061606178			4.68%	5.43%	0.385704894	0.590965422	1.256444939		
allele VIC	0.897742988	1.0317659	1.0317659	0.941988896	1.291971606			96.34%	94.57%	0.851463809	0.852923156	1.243579172		
FAM+Both	1.113904665	1.113904665	1.113904665	1.113904665	1.113904665			90.89%	89.47%	0.4049878	0.804120199	1.716344849		
FAM	20.46%	23.06%	0.842270914	0.472357454	1.243482823			99.79%	99.67%	0.838234361	0.852923156	1.243579172		
VIC-Both	79.54%	76.94%	1.164893924	1.164893924	1.629469222			99.79%	99.67%	0.63248865	0.162038319	15.15218463		
表頭	control		P value		OR (95%CI)		OR (95%CI)		control		P value		OR (95%CI)	
FAM	399	157	0.897157886	0.388537207				435	829					
Both	80	141						39	74					
VIC	4	8						0	1					
sum	473	901						474	904					
表頭	control		P value		OR (95%CI)		OR (95%CI)		control		P value		OR (95%CI)	
FAM	82.24%	83.46%	0.897157886	0.388537207				0.846246772	0.385058114					
Both	16.91%	15.65%						8.23%	8.19%					
VIC	0.85%	0.89%						0.00%	0.11%					
sum	99.70%	99.99%						92.07%	96.80%					
allele FAM	90.70%	91.20%	0.306473754	0.714010819	1.225556681			65.89%	65.80%	0.227383815	0.68447659	1.571117437		
allele VIC	0.306473754	0.306473754	0.306473754	0.306473754	0.306473754			0.11%	0.11%	0.911012087	0.658144237	1.450404832		
FAM+Both	91.01%	91.51%	1.050318337	1.050318337	1.692184475			100.00%	98.85%	0.977661938	0.801147337	1.450404832		
FAM	82.24%	83.46%	0.897157886	0.388537207	1.213132376			0.85%	0.89%	0.952055586	0.295189801	1.178982716		
VIC-Both	11.70%	18.54%	1.098938289	1.098938289	8.12141004			0.17%	0.17%	1.098938289	0.673737668	1.511373964		
表頭	control		P value		OR (95%CI)		OR (95%CI)		control		P value		OR (95%CI)	
FAM	431	976	0.992649543	0.957722692				441	848					
Both	39	73						30	66					
VIC	472	904						471	903					
sum	972	2053						972	2053					
表頭	control		P value		OR (95%CI)		OR (95%CI)		control		P value		OR (95%CI)	
FAM	91.00%	91.70%	0.992649543	0.957722692				0.79583342	0.640528167					
Both	8.20%	8.00%						0.37%	0.09%					
VIC	4.20%	4.20%						98.82%	98.82%					
sum	99.79%	99.79%						100.00%	100.00%					
allele FAM	95.66%	95.74%	0.979100022	0.658580842	1.442224379			98.82%	98.82%	0.841318384	0.607641928	1.508547334		
allele VIC	0.92171298	0.92171298	0.92171298	0.92171298	0.92171298			0.00%	0.00%	0.00%	0.00%	0.00%		
FAM+Both	4.34%	4.20%	0.917393431	0.658580842	1.503822282			100.00%	100.00%	0.83419811	0.602176284	1.508547334		
FAM	91.00%	91.70%	0.992649543	0.957722692	1.213132376			94.83%	94.83%	0.838234361	0.852923156	1.243579172		
VIC-Both	8.47%	8.30%	1.02446979	0.658580842	1.526320815			8.37%	8.09%	0.838234361	0.658580842	1.526320815		
表頭	control		P value		OR (95%CI)		OR (95%CI)		control		P value		OR (95%CI)	
FAM	0	0	0.776825007	0.858892334				464	834					
Both	30	64						10	10					
VIC	446	848						474	904					
sum	476	912						484	914					
表頭	control		P value		OR (95%CI)		OR (95%CI)		control		P value		OR (95%CI)	
FAM	0.00%	0.00%	0.776825007	0.858892334				97.89%	98.83%					
Both	6.32%	6.99%						0.00%	0.00%					
VIC	93.68%	94.01%						0.00%	0.00%					
sum	3.16%	2.99%						97.89%	98.83%					
allele FAM	0.667285714	0.601346804	1.056763285	0.71539828	1.48296771			98.95%	99.46%	0.021690789	0.216389715	1.257822268		
allele VIC	1.056763285	1.056763285	1.056763285	1.056763285	1.056763285			1.00%	100.00%	0.140423021	0.795005588	4.021718903		
FAM+Both	6.32%	6.99%	0.944676472	0.659049953	1.491508131			0.00%	0.00%	0.00%	0.00%	0.00%		
VIC	83.68%	84.01%	0.944676472	0.659049953	1.491508131			97.89%	98.83%					
sum	0.00%	0.00%						97.89%	98.83%					

表12

VIC-Both		100.00%	100.00%	#01V/01	#01V/01	OR	#01V/01	#01V/01	#01V/01
MS33E-069 C-7653078 (FAM/VIC-E/A)		SLE	control	P value	OR	OR (95%CI)	#01V/01	#01V/01	#01V/01
家賃									
FAM	448	21	889						
Both	21	2	4						
VIC	468	902							
sum									
HWE test	0.38392306	0.18923993							
FAM	95.30%	95.02%							
Both	4.49%	4.76%							
VIC	0.21%	0.22%							
sum									
HWE test	0.9764%	97.40%							
FAM	2.48%	2.89%							
Both	98.79%	98.78%							
VIC	0.21%	0.22%							
sum									
HWE test	95.30%	95.02%							
FAM	4.70%	4.99%							
Both									
VIC									
sum									
HWE test	0.824019768	0.078941331							
FAM	0.00%	0.11%							
Both	3.68%	2.33%							
VIC	98.41%	97.66%							
sum									
HWE test	1.79%	1.27%							
FAM	98.21%	98.73%							
Both	3.50%	2.48%							
VIC	98.41%	97.66%							
sum									
HWE test	0.00%	0.11%							
FAM	100.00%	99.89%							
Both									
VIC									
sum									
HWE test	0.468590237	0.671567111							
FAM	0.00%	0.11%							
Both	99.89%	99.89%							
VIC									
sum									
HWE test	0.752463416	0.7076756							
FAM	0.752463416	0.7076756							
Both	0.752463416	0.7076756							
VIC	0.752463416	0.7076756							
sum									
HWE test	0.37653588	0.37653588							
FAM	0.37653588	0.37653588							
Both	0.37653588	0.37653588							
VIC	0.37653588	0.37653588							
sum									
HWE test	0.85184751	0.85184751							
FAM	0.85184751	0.85184751							
Both	0.85184751	0.85184751							
VIC	0.85184751	0.85184751							
sum									
HWE test	0.352933947	0.352933947							
FAM	0.352933947	0.352933947							
Both	0.352933947	0.352933947							
VIC	0.352933947	0.352933947							
sum									
HWE test	0.278765638	0.278765638							
FAM	0.278765638	0.278765638							
Both	0.278765638	0.278765638							
VIC	0.278765638	0.278765638							
sum									
HWE test	0.671567111	0.671567111							
FAM	0.671567111	0.671567111							
Both	0.671567111	0.671567111							
VIC	0.671567111	0.671567111							
sum									
HWE test	0.468590237	0.468590237							
FAM	0.468590237	0.468590237							
Both	0.468590237	0.468590237							
VIC	0.468590237	0.468590237							
sum									
HWE test	0.752463416	0.752463416							
FAM	0.752463416	0.752463416							
Both	0.752463416	0.752463416							
VIC	0.752463416	0.752463416							
sum									
HWE test	0.37653588	0.37653588							
FAM	0.37653588	0.37653588							
Both	0.37653588	0.37653588							
VIC	0.37653588	0.37653588							
sum									
HWE test	0.85184751	0.85184751							
FAM	0.85184751	0.85184751							
Both	0.85184751	0.85184751							
VIC	0.85184751	0.85184751							
sum									
HWE test	0.352933947	0.352933947							
FAM	0.352933947	0.352933947							
Both	0.352933947	0.352933947							
VIC	0.352933947	0.352933947							
sum									
HWE test	0.278765638	0.278765638							
FAM	0.278765638	0.278765638							
Both	0.278765638	0.278765638							
VIC	0.278765638	0.278765638							
sum									
HWE test	0.671567111	0.671567111							
FAM	0.671567111	0.671567111							
Both	0.671567111	0.671567111							
VIC	0.671567111	0.671567111							
sum									
HWE test	0.468590237	0.468590237							
FAM	0.468590237	0.468590237							
Both	0.468590237	0.468590237							
VIC	0.468590237	0.468590237							
sum									
HWE test	0.752463416	0.752463416							
FAM	0.752463416	0.752463416							
Both	0.752463416	0.752463416							
VIC	0.752463416	0.752463416							
sum									
HWE test	0.37653588	0.37653588							
FAM	0.37653588	0.37653588							
Both	0.37653588	0.37653588							
VIC	0.37653588	0.37653588							
sum									
HWE test	0.85184751	0.85184751							
FAM	0.85184751	0.85184751							
Both	0.85184751	0.85184751							
VIC	0.85184751	0.85184751							
sum									
HWE test	0.352933947	0.352933947							
FAM	0.352933947	0.352933947							
Both	0.352933947	0.352933947							
VIC	0.352933947	0.352933947							
sum									
HWE test	0.278765638	0.278765638							
FAM	0.278765638	0.278765638							
Both	0.278765638	0.278765638							
VIC	0.278765638	0.278765638							
sum									
HWE test	0.671567111	0.671567111							
FAM	0.671567111	0.671567111							
Both	0.671567111	0.671567111							
VIC	0.671567111	0.671567111							
sum									
HWE test	0.468590237	0.468590237							
FAM	0.468590237	0.468590237							
Both	0.468590237	0.468590237							
VIC	0.468590237	0.468590237							
sum									
HWE test	0.752463416	0.752463416							
FAM	0.752463416	0.752463416							
Both	0.752463416	0.752463416							
VIC	0.752463416	0.752463416							
sum									
HWE test	0.37653588	0.37653588							
FAM	0.37653588	0.37653588							
Both	0.37653588	0.37653588							
VIC	0.37653588	0.37653588							
sum									
HWE test	0.85184751	0.85184751							
FAM	0.85184751	0.85184751							
Both	0.85184751	0.85184751							
VIC	0.85184751	0.85184751							
sum									
HWE test	0.352933947	0.352933947							

表13

MS129-001 G.2183775 (FAM/VIC=T/G)	SLE	control	P value	OR	OR (95%CI) -	OR (95%CI) +
表頭欄						
FAM		389	726			
Both		98	167			
VIC		5	9			
sum		472	902			
%						
FAM test	0.866586853	0.984669624				
FAM	78.18%	80.49%				
Both	20.76%	18.51%				
VIC	1.06%	1.00%	0.597183446			
allele FAM	88.58%	89.75%	0.884518479	0.487761748	1.137566975	
allele VIC	11.44%	10.25%	0.338887839	0.87906912	1.453992519	
FAM+Both	98.94%	99.00%	0.941321389	0.31867854	2.874919772	
VIC	1.06%	1.00%	0.862336426	0.359929254	3.186087937	
FAM	78.18%	80.49%	0.868490733	0.66042134	1.147318239	
VIC+Both	21.82%	19.51%	0.312140378	1.151427264	0.875862417	1.513687881

  

MS129-003 G.2180444 (FAM/VIC=G/A)	SLE	control	P value	OR	OR (95%CI) -	OR (95%CI) +
表頭欄						
FAM		173	343			
Both		221	427			
VIC		81	133			
sum		475	903			
%						
FAM test	0.769086658	0.9998236				
FAM	36.42%	37.98%				
Both	46.53%	47.29%				
VIC	17.05%	14.73%	0.51583075			
allele FAM	59.68%	61.63%	0.921769545	0.78498993	1.082383574	
allele VIC	40.32%	38.37%	0.320176556	0.923888996	1.273903358	
FAM+Both	82.95%	85.27%	0.840198574	0.52130447	1.561058074	
VIC	17.05%	14.73%	0.257821288	1.190221747	0.880199889	1.609493116
FAM	36.42%	37.98%	0.935261522	0.742937948	1.173409955	
VIC+Both	63.58%	62.02%	0.588721423	1.069219653	0.849371625	1.345972285

  

MS129-005 G.2180872 (FAM/VIC=G/A)	SLE	control	P value	OR	OR (95%CI) -	OR (95%CI) +
表頭欄						
FAM		2	3			
Both		32	75			
VIC		440	825			
sum		474	903			
%						
FAM test	0.254169275	0.65507399				
FAM	0.42%	0.33%				
Both	6.75%	8.31%	0.574571481			
VIC	92.83%	91.36%				
allele FAM	3.80%	4.49%	0.840843275	0.56303728	1.254997313	
allele VIC	96.20%	95.51%	0.39532263	0.798814455	1.759030282	
FAM+Both	7.17%	8.64%	0.817307692	0.537504424	1.242765332	
VIC	92.83%	91.36%	0.344752882	0.804657142	1.860498004	
FAM	0.42%	0.33%	1.271186441	0.211667156	7.634262925	
VIC+Both	99.58%	99.67%	0.792575156	0.786666667	0.130989043	4.72439853

  

MS129-007 G.2180707 (FAM/VIC=T/G)	SLE	control	P value	OR	OR (95%CI) -	OR (95%CI) +
表頭欄						
FAM		7	13			
Both		92	182			
VIC		375	709			
sum		474	904			
%						
FAM test	0.883972092	0.944392267				
FAM	1.46%	1.44%				
Both	19.41%	20.13%	0.949518968			
VIC	79.11%	78.43%				
allele FAM	11.18%	11.50%	0.799874334	0.75543879	1.241378974	
allele VIC	88.82%	88.50%	0.959876923	0.80555774	1.32342591	
FAM+Both	20.89%	21.57%	0.41800231	0.731040306	1.260345976	
VIC	79.11%	78.43%	0.768700827	0.79343293	1.367913632	
FAM	1.46%	1.44%	1.027343107	0.407105275	2.592532998	
VIC+Both	98.52%	98.56%	0.954448992	0.97338464	0.985723152	2.456387092

  

MS129-008 G.2180749 (FAM/VIC=T/G)	SLE	control	P value	OR	OR (95%CI) -	OR (95%CI) +
表頭欄						
FAM		139	234			
Both		219	448			
VIC		221	448			
sum		479	930			
%						
FAM test	0.297416999	0.974616665				
FAM	29.39%	25.91%				
Both	46.30%	49.61%	0.352183815			
VIC	24.31%	24.47%				
allele FAM	52.94%	50.72%	0.965006677	0.795812583	0.91879294	1.258900806
allele VIC	47.46%	49.28%	0.365006677	1.068772154	0.778487501	1.307777888
FAM+Both	75.69%	75.53%	0.991304128	0.991304128	0.765007113	1.29454214
VIC	24.31%	24.47%	0.947330259	1.189812692	0.928887051	1.524065493
FAM	29.39%	25.91%	0.168626524	0.840468432	0.656139782	1.076580335
VIC+Both	70.61%	74.09%				

  

MS129-008 G.2180882 (FAM/VIC=T/G)	SLE	control	P value	OR	OR (95%CI) -	OR (95%CI) +
表頭欄						
FAM		331	619			
Both		125	253			
VIC		17	32			
sum		473	904			
%						
FAM test	0.488920731	0.625700361				
FAM	69.98%	68.47%				
Both	26.43%	27.99%	0.827066032			
VIC	3.59%	3.54%				
allele FAM	83.19%	82.47%	1.052347629	0.853754552	1.297195727	
allele VIC	16.81%	17.53%	0.632492927	0.952056334	0.770929348	1.171296259
FAM+Both	96.41%	96.46%	0.984349703	0.540737977	1.91892458	
VIC	3.59%	3.54%	0.958838577	1.015899123	0.558069205	1.84324453
FAM	69.98%	68.47%	1.073232611	0.842929569	1.366454545	
VIC+Both	30.02%	31.53%	0.566282484	0.931764456	0.73181881	1.186338737

  

MS129-008 G.2180792 (FAM/VIC=G/G)	SLE	control	P value	OR	OR (95%CI) -	OR (95%CI) +
表頭欄						
FAM		139	234			
Both		219	448			
VIC		221	448			
sum		479	930			
%						
FAM test	0.297416999	0.974616665				
FAM	29.39%	25.91%				
Both	46.30%	49.61%	0.352183815			
VIC	24.31%	24.47%				
allele FAM	52.94%	50.72%	0.965006677	0.795812583	0.91879294	1.258900806
allele VIC	47.46%	49.28%	0.365006677	1.068772154	0.778487501	1.307777888
FAM+Both	75.69%	75.53%	0.991304128	0.991304128	0.765007113	1.29454214
VIC	24.31%	24.47%	0.947330259	1.189812692	0.928887051	1.524065493
FAM	29.39%	25.91%	0.168626524	0.840468432	0.656139782	1.076580335
VIC+Both	70.61%	74.09%				

  

MS129-010 G.2180748 (FAM/VIC=G/A)	SLE	control	P value	OR	OR (95%CI) -	OR (95%CI) +
表頭欄						
FAM		139	234			
Both		219	448			
VIC		221	448			
sum		479	930			
%						
FAM test	0.297416999	0.974616665				
FAM	29.39%	25.91%				
Both	46.30%	49.61%	0.352183815			
VIC	24.31%	24.47%				
allele FAM	52.94%	50.72%	0.965006677	0.795812583	0.91879294	1.258900806
allele VIC	47.46%	49.28%	0.365006677	1.068772154	0.778487501	1.307777888
FAM+Both	75.69%	75.53%	0.991304128	0.991304128	0.765007113	1.29454214
VIC	24.31%	24.47%	0.947330259	1.189812692	0.928887051	1.524065493
FAM	29.39%	25.91%	0.168626524	0.840468432	0.656139782	1.076580335
VIC+Both	70.61%	74.09%				

表測値	FAM	Both	VIC	sum	P value	OR (95%CI) -	OR (95%CI) +
%	123	245	452	820			
	222	452	203	877			
	128	203	900	1221			
	473	900	473	1846			
HWE test	0.412315375 D. 0.980374677						
FAM	26.00%	27.22%					
Both	46.93%	50.22%					
VIC	27.06%	22.56%			0.176810107		
sum	48.47%	52.33%					
allele FAM	30.53%	47.67%			0.691770045	0.761834005	1.043874598
allele VIC	72.94%	77.44%			1.121361544	0.957989475	1.378271922
FAM+Both	27.94%	30.53%			0.785004932	0.607649097	1.01425991
VIC	27.06%	22.56%			1.273877947	0.986070733	1.645868638
FAM	26.00%	27.22%			0.839533528	0.729886348	1.209398219
VIC+Both	74.00%	72.78%			0.82885751	0.82885751	1.370078317

表測値	FAM	Both	VIC	sum	P value	OR (95%CI) -	OR (95%CI) +
%	145	242	461	848			
	240	461	200	901			
	90	200	903	1193			
	476	903	476	1855			
HWE test	0.869561891 D. 0.793381631						
FAM	30.53%	26.90%					
Both	50.53%	51.05%					
VIC	16.95%	22.15%			0.215285848		
sum	55.79%	62.33%					
allele FAM	44.21%	47.67%			0.08312724	0.981832085	1.346352013
allele VIC	81.05%	77.85%			1.21700648	0.921550276	1.607188247
FAM+Both	18.95%	22.15%			0.165914835	0.821688312	1.085127991
VIC	30.53%	26.90%			1.200162785	0.930764002	1.532153440
FAM	69.47%	73.20%			0.143458274	0.652438887	1.064098941
VIC+Both							

表測値	FAM	Both	VIC	sum	P value	OR (95%CI) -	OR (95%CI) +
%	145	242	461	848			
	240	461	200	901			
	90	200	903	1193			
	476	903	476	1855			
HWE test	0.869561891 D. 0.793381631						
FAM	30.53%	26.90%					
Both	50.53%	51.05%					
VIC	16.95%	22.15%			0.215285848		
sum	55.79%	62.33%					
allele FAM	44.21%	47.67%			0.08312724	0.981832085	1.346352013
allele VIC	81.05%	77.85%			1.21700648	0.921550276	1.607188247
FAM+Both	18.95%	22.15%			0.165914835	0.821688312	1.085127991
VIC	30.53%	26.90%			1.200162785	0.930764002	1.532153440
FAM	69.47%	73.20%			0.143458274	0.652438887	1.064098941
VIC+Both							

表測値	FAM	Both	VIC	sum	P value	OR (95%CI) -	OR (95%CI) +
%	229	186	157	572			
	188	157	0	345			
	0	0	343	343			
	417	343	417	1177			
HWE test	2.14269E-08 D. 2.75111E-07						
FAM	54.02%	54.33%					
Both	48.08%	48.77%			#DIV/0!		
VIC	0.00%	0.00%					
sum	77.46%	77.11%					
allele FAM	22.54%	22.89%			0.801057185	0.801057185	1.291810172
allele VIC	100.00%	100.00%			0.890576206	0.770528712	1.247883021
FAM+Both	54.02%	54.33%			#DIV/0!	#DIV/0!	#DIV/0!
VIC	54.02%	54.33%			#DIV/0!	#DIV/0!	#DIV/0!
FAM	45.08%	45.77%			1.028163611	0.771702159	1.369368777
VIC+Both					0.448500738	0.972603121	1.298836726

表測値	FAM	Both	VIC	sum	P value	OR (95%CI) -	OR (95%CI) +
%	115	189					
HWE test							
FAM							
Both							
VIC							
sum							
allele FAM							
allele VIC							
FAM+Both							
VIC							
FAM							
VIC+Both							

表測値	FAM	Both	VIC	sum	P value	OR (95%CI) -	OR (95%CI) +
%	20	32	246	278			
	155	246	626	1027			
	300	626	904	1526			
	475	904	475	1854			
HWE test	0.99990152 D. 0.44658047						
FAM	4.21%	3.54%					
Both	32.63%	27.21%					
VIC	63.16%	69.25%			0.07294905		
sum	20.53%	17.15%					
allele FAM	31.35491611	1.038588871			1.248065652	0.22482015	1.5234208
allele VIC	79.47%	82.85%			0.801298259	0.656417482	0.978012313
FAM+Both	36.84%	30.75%			1.313549161	1.038588871	1.697058849
VIC	33.16%	69.25%			0.761296212	0.607516404	0.961918959
FAM	4.21%	3.54%			1.197802198	0.677346925	2.118160185
VIC+Both	95.79%	96.46%			0.834962385	0.472103375	1.476361406

表測値	FAM	Both	VIC	sum	P value	OR (95%CI) -	OR (95%CI) +
%	169	344	416	729			
	209	416	144	769			
	94	144	904	1142			
	472	904	472	1848			
HWE test	0.138837727 D. 0.624400505						
FAM	35.81%	38.05%					
Both	44.28%	46.02%					
VIC	19.92%	15.93%			0.175952913		
sum	57.94%	61.06%					
allele FAM	42.06%	38.94%			0.761925092	0.571441999	1.015906025
allele VIC	80.03%	84.07%			1.138150241	0.969758177	1.335782468
FAM+Both	19.92%	15.93%			0.063472048	0.943430015	1.249958588
VIC	35.81%	38.05%			0.907974518	0.720518159	1.441198038
FAM	64.19%	61.95%			1.101352494	0.874042538	1.387778268
VIC+Both							

表測値	FAM	Both	VIC	sum	P value	OR (95%CI) -	OR (95%CI) +
%	66	141	405	612			
	226	405	356	987			
	182	356	902	1240			
	474	902	474	1850			
HWE test	0.982780308 D. 0.958274002						
FAM	13.92%	15.63%					
Both	47.68%	44.90%					
VIC	38.40%	39.47%			0.544174463		
sum	37.76%	38.08%					
allele FAM	62.24%	61.92%			0.870116701	0.838943897	1.76077094
allele VIC	61.60%	60.53%			1.046089442	0.832622314	1.314285123
FAM+Both	38.40%	39.47%			0.955941204	0.760869908	1.201024742
VIC	13.92%	15.63%			0.873070505	0.635466569	1.197642142
FAM	86.08%	84.37%			0.399729258	0.634973959	1.571189022
VIC+Both							

表測値	FAM	Both	VIC	sum	P value	OR (95%CI) -	OR (95%CI) +
%	4	3	54	61			
	66	54	286	406			
	347	286	343	976			
	417	343	417	1177			
HWE test	0.910016416 D. 0.96815049						
FAM	0.96%	0.87%					
Both	15.83%	15.74%					
VIC	83.21%	83.38%			0.991980485		
sum	8.87%	8.75%					
allele FAM	19.13%	91.25%			0.930995272	0.689142136	1.406078932
allele VIC	16.79%	16.67%			1.02184644	0.690088791	1.484724453
FAM+Both	83.21%	83.38%			0.95059541	0.673525448	1.449193405
VIC	0.96%	0.87%			1.097659403	0.873525448	1.43829337
FAM	99.04%	99.13%			0.903305142	0.202499107	4.096658011
VIC+Both							

表測値	FAM	Both	VIC	sum	P value	OR (95%CI) -	OR (95%CI) +
%	115	189					
HWE test							
FAM							
Both							
VIC							
sum							
allele FAM							
allele VIC							
FAM+Both							
VIC							
FAM							
VIC+Both							

表 13

MS129-019 C.1075931 (FAM/VIC=G/A)		SLE		control		P value		OR (95%CI) -		OR (95%CI)	
Both	236	458									
VIC	257	904									
sum	473										
FAM	0.399150577	0.649855591									
Both	24.31%	20.91%									
VIC	49.69%	50.66%									
sum	25.79%	28.43%									
FAM-Both	1.128767943	0.964315983									
allele FAM	0.885921687	0.756850377									
allele VIC	1.142815517	0.883574257									
FAM-Both	74.21%	71.57%									
VIC	25.79%	28.43%									
sum	24.31%	20.91%									
FAM-Both	75.69%	79.09%									
MS129-020 C.6839943 (FAM/VIC=G/A)											
Both	22	33									
VIC	131	243									
sum	321	627									
FAM	0.913681353	0.93785968									
Both	4.64%	3.65%									
VIC	27.64%	26.91%									
sum	67.72%	69.44%									
FAM-Both	1.096785943	0.893722087									
allele FAM	0.91754938	0.74794858									
allele VIC	1.082791548	0.852604688									
FAM-Both	32.28%	30.56%									
VIC	67.72%	69.44%									
sum	4.64%	3.65%									
FAM-Both	95.36%	96.35%									
MS129-021 C.2160833 (FAM/VIC=G/A)											
Both	8	5									
VIC	82	154									
sum	385	745									
FAM	0.344103949	0.61762976									
Both	1.68%	0.55%									
VIC	17.26%	17.04%									
sum	81.05%	82.41%									
FAM-Both	1.153040192	0.855836655									
allele FAM	0.857272456	0.666527614									
allele VIC	1.095310775	0.827036935									
FAM-Both	18.95%	17.53%									
VIC	81.05%	82.41%									
sum	1.68%	0.55%									
FAM-Both	96.32%	99.45%									
MS129-022 C.2160835 (FAM/VIC=G/A)											
Both	60	147									
VIC	207	411									
sum	468	901									
FAM	0.842413473	0.448533647									
Both	12.82%	16.32%									
VIC	44.23%	45.62%									
sum	42.95%	38.07%									
FAM-Both	0.835502917	0.708886635									
allele FAM	0.186883912	0.01550215									
allele VIC	0.818535602	0.850533865									
FAM-Both	57.05%	61.83%									
VIC	42.95%	38.07%									
sum	12.82%	16.32%									
FAM-Both	87.18%	83.68%									
MS129-023 C.15997893 (FAM/VIC=G/C)											
Both	48	80									
VIC	192	346									
sum	440	726									
FAM	0.997915859	0.857293939									
Both	11.75%	16.57%									
VIC	44.06%	44.31%									
sum	43.59%	39.12%									
FAM-Both	0.960085531	0.801581382									
allele FAM	1.003478661	0.640045796									
allele VIC	0.996533994	0.636516681									
FAM-Both	65.92%	61.27%									
VIC	43.59%	39.12%									
sum	11.75%	16.57%									
FAM-Both	88.25%	83.43%									
MS129-024 C.2180837 (FAM/VIC=G/T)											
Both	263	513									
VIC	182	331									
sum	475	903									
FAM	0.997915859	0.857293939									
Both	55.25%	56.81%									
VIC	38.24%	36.66%									
sum	6.51%	6.53%									
FAM-Both	0.842044416	0.658142252									
allele FAM	74.37%	75.14%									
allele VIC	93.46%	93.47%									
FAM-Both	6.51%	6.53%									
VIC	55.25%	56.81%									
sum	44.75%	43.19%									
FAM-Both	92.51%	92.51%									
MS129-025 C.1075933 (FAM/VIC=G/G)											
Both	48	80									
VIC	192	346									
sum	440	726									
FAM	0.997915859	0.857293939									
Both	11.75%	16.57%									
VIC	44.06%	44.31%									
sum	43.59%	39.12%									
FAM-Both	0.960085531	0.801581382									
allele FAM	1.003478661	0.640045796									
allele VIC	0.996533994	0.636516681									
FAM-Both	65.92%	61.27%									
VIC	43.59%	39.12%									
sum	11.75%	16.57%									
FAM-Both	88.25%	83.43%									

表13

VIC		234	476	OR (95%CI) -	
sum	OR	control	P value	OR	OR (95%CI) -
FAM	0.65275302	474	0.32910097		
Both	10.13%	8.87%			
VIC	49.37%	52.77%	0.451027431		
allele FAM	30.38%	28.05%	1.119367589	0.94213688	1.32939933
allele VIC	69.62%	71.95%	0.893361582	0.751914016	1.061417294
FAM+Both	50.63%	47.23%	1.146021428	0.917395107	1.431624284
VIC	49.37%	52.77%	0.229605472	0.698507791	1.090042875
FAM	10.13%	8.87%	1.157146419	0.194522093	1.687029239
VIC+Both	89.87%	91.13%	0.445422305	0.592760206	1.258618242

  

VIC		19	22	OR (95%CI) -	
sum	OR	control	P value	OR	OR (95%CI) -
FAM	0.13849337	259	0.758275882		
Both	70.50%	103	73.12%		
VIC	25.28%	21	24.41%		
allele FAM	83.19%	85.33%	0.84937241	0.859706968	0.884937241
allele VIC	16.81%	14.67%	0.149421854	0.175492899	0.946635016
FAM+Both	95.88%	97.54%	0.091606045	0.08729252	0.911467981
VIC	4.12%	2.46%	0.205469687	0.205469687	0.205469687
FAM	29.50%	73.12%			
VIC+Both	29.50%	26.88%	0.306709642	0.306709642	0.306709642

  

VIC		22	OR (95%CI) -	
sum	OR	control	P value	OR (95%CI) -
FAM	0.13849337	259	0.758275882	
Both	70.50%	103	73.12%	
VIC	25.28%	21	24.41%	
allele FAM	83.19%	85.33%	0.84937241	0.859706968
allele VIC	16.81%	14.67%	0.149421854	0.175492899
FAM+Both	95.88%	97.54%	0.091606045	0.08729252
VIC	4.12%	2.46%	0.205469687	0.205469687
FAM	29.50%	73.12%		
VIC+Both	29.50%	26.88%	0.306709642	0.306709642

  

VIC		22	OR (95%CI) -	
sum	OR	control	P value	OR (95%CI) -
FAM	0.13849337	259	0.758275882	
Both	70.50%	103	73.12%	
VIC	25.28%	21	24.41%	
allele FAM	83.19%	85.33%	0.84937241	0.859706968
allele VIC	16.81%	14.67%	0.149421854	0.175492899
FAM+Both	95.88%	97.54%	0.091606045	0.08729252
VIC	4.12%	2.46%	0.205469687	0.205469687
FAM	29.50%	73.12%		
VIC+Both	29.50%	26.88%	0.306709642	0.306709642

VIC		234	476	OR (95%CI) -	
sum	OR	control	P value	OR	OR (95%CI) -
FAM	0.65275302	474	0.32910097		
Both	10.13%	8.87%			
VIC	49.37%	52.77%	0.451027431		
allele FAM	30.38%	28.05%	1.119367589	0.94213688	1.32939933
allele VIC	69.62%	71.95%	0.893361582	0.751914016	1.061417294
FAM+Both	50.63%	47.23%	1.146021428	0.917395107	1.431624284
VIC	49.37%	52.77%	0.229605472	0.698507791	1.090042875
FAM	10.13%	8.87%	1.157146419	0.194522093	1.687029239
VIC+Both	89.87%	91.13%	0.445422305	0.592760206	1.258618242

  

VIC		19	22	OR (95%CI) -	
sum	OR	control	P value	OR	OR (95%CI) -
FAM	0.13849337	259	0.758275882		
Both	70.50%	103	73.12%		
VIC	25.28%	21	24.41%		
allele FAM	83.19%	85.33%	0.84937241	0.859706968	0.884937241
allele VIC	16.81%	14.67%	0.149421854	0.175492899	0.946635016
FAM+Both	95.88%	97.54%	0.091606045	0.08729252	0.911467981
VIC	4.12%	2.46%	0.205469687	0.205469687	0.205469687
FAM	29.50%	73.12%			
VIC+Both	29.50%	26.88%	0.306709642	0.306709642	0.306709642

  

VIC		22	OR (95%CI) -	
sum	OR	control	P value	OR (95%CI) -
FAM	0.13849337	259	0.758275882	
Both	70.50%	103	73.12%	
VIC	25.28%	21	24.41%	
allele FAM	83.19%	85.33%	0.84937241	0.859706968
allele VIC	16.81%	14.67%	0.149421854	0.175492899
FAM+Both	95.88%	97.54%	0.091606045	0.08729252
VIC	4.12%	2.46%	0.205469687	0.205469687
FAM	29.50%	73.12%		
VIC+Both	29.50%	26.88%	0.306709642	0.306709642

  

VIC		22	OR (95%CI) -	
sum	OR	control	P value	OR (95%CI) -
FAM	0.13849337	259	0.758275882	
Both	70.50%	103	73.12%	
VIC	25.28%	21	24.41%	
allele FAM	83.19%	85.33%	0.84937241	0.859706968
allele VIC	16.81%	14.67%	0.149421854	0.175492899
FAM+Both	95.88%	97.54%	0.091606045	0.08729252
VIC	4.12%	2.46%	0.205469687	0.205469687
FAM	29.50%	73.12%		
VIC+Both	29.50%	26.88%	0.306709642	0.306709642

		475		904	
sum		0.85292913		0.136192552	
HME test					
FAM	63.37%				
Both	32.00%				
VIC	4.63%				
allele FAM		1.185814702		0.919610571	
allele VIC	23.56%	0.843302078		0.696682821	
FAM+Both	95.37%	0.080155581		0.09018372	
VIC	4.63%	0.671154055		0.408818223	
FAM	63.37%	1.171443499		0.931576375	
VIC+Both	36.63%	0.853471658		0.678853049	

MS129-038 C.1491349 (FAM/VIC=G/A)		SLE	P value	OR (95%CI)	OR (95%CI)
FAM		56			
Both		412			
VIC		471			
sum		904			
HME test		0.712126978	0.993954879		
allele FAM		0.64%	0.44%		
allele VIC		11.80%	12.39%		
FAM+Both		87.47%	87.17%		
VIC		6.58%	6.64%		
FAM+Both		93.36%	93.36%		
VIC		12.53%	12.83%		
FAM		87.47%	87.17%		
VIC+Both		99.36%	99.56%		

MS129-038 C.2972041 (FAM/VIC=G/A)		SLE	P value	OR (95%CI)	OR (95%CI)
FAM		395			
Both		85			
VIC		473			
sum		904			
HME test		0.767118999	0.26883636		
allele FAM		81.40%	76.72%		
allele VIC		17.97%	22.39%		
FAM+Both		99.37%	99.11%		
VIC		8.40%	8.9%		
FAM+Both		91.60%	90.92%		
VIC		18.60%	18.60%		
VIC+Both		99.36%	99.56%		

MS129-040 C.2972030 (FAM/VIC=G/A)		SLE	P value	OR (95%CI)	OR (95%CI)
FAM		344			
Both		120			
VIC		470			
sum		904			
HME test		0.458484161	0.06653857		
allele FAM		73.19%	72.84%		
allele VIC		25.53%	23.84%		
FAM+Both		98.72%	96.67%		
VIC		1.28%	3.23%		
FAM+Both		73.19%	72.84%		
VIC+Both		26.81%	27.16%		

MS129-042 JST130327 (FAM/VIC=G/A)		SLE	P value	OR (95%CI)	OR (95%CI)
FAM		139			
Both		233			
VIC		103			
sum		475			
HME test		0.712126978	0.993954879		
allele FAM		0.64%	0.44%		
allele VIC		11.80%	12.39%		
FAM+Both		87.47%	87.17%		
VIC		6.58%	6.64%		
FAM+Both		93.36%	93.36%		
VIC		12.53%	12.83%		
FAM		87.47%	87.17%		
VIC+Both		99.36%	99.56%		

		474		903	
sum		0.899604449		0.485919276	
HME test					
FAM	10.97%	0.21%		0.22%	
Both	88.82%	88.38%		88.38%	
VIC	5.70%	0.433041704		0.433041704	
allele FAM		0.812295302		0.584371817	
allele VIC	93.08%	0.215287327		0.856464771	
FAM+Both	11.18%	0.798231499		0.566430259	
VIC	88.82%	1.252812482		0.88750634	
FAM	0.21%	0.65243129		0.08613795	
VIC+Both	99.79%	0.968288403		0.09495666	

MS129-035 C.11782538 (FAM/VIC=G/A)		SLE	P value	OR (95%CI)	OR (95%CI)
FAM		336			
Both		115			
VIC		17			
sum		468			
HME test		0.206831708	0.000714948		
allele FAM		71.79%	74.75%		
allele VIC		24.57%	21.59%		
FAM+Both		3.63%	3.65%		
VIC		84.08%	85.55%		
FAM+Both		15.92%	14.45%		
VIC		96.37%	96.35%		
FAM		3.63%	3.65%		
VIC+Both		71.79%	74.75%		
sum		28.21%	25.25%		

MS129-037 C.577281 (FAM/VIC=G/A)		SLE	P value	OR (95%CI)	OR (95%CI)
FAM		11			
Both		127			
VIC		335			
sum		473			
HME test		0.968162459	0.037691974		
allele FAM		2.33%	3.10%		
allele VIC		26.85%	22.46%		
FAM+Both		70.82%	74.45%		
VIC		15.75%	14.33%		
FAM+Both		84.95%	85.67%		
VIC		29.18%	25.85%		
FAM		70.82%	74.45%		
VIC+Both		97.67%	96.90%		

MS129-039 C.8935783 (FAM/VIC=G/A)		SLE	P value	OR (95%CI)	OR (95%CI)
FAM		100.00%			
Both		0.00%			
VIC		0.00%			
sum		100.00%			
HME test		100.00%	100.00%		
allele FAM		0.00%	0.00%		
allele VIC		0.00%	0.00%		
FAM+Both		0.00%	0.00%		
VIC		0.00%	0.00%		
FAM+Both		0.00%	0.00%		
VIC+Both		0.00%	0.00%		

MS129-041 C.2972028 (FAM/VIC=G/A)		SLE	P value	OR (95%CI)	OR (95%CI)
FAM		157			
Both		217			
VIC		94			
sum		468			
HME test		0.712126978	0.993954879		
allele FAM		0.64%	0.44%		
allele VIC		11.80%	12.39%		
FAM+Both		87.47%	87.17%		
VIC		6.58%	6.64%		
FAM+Both		93.36%	93.36%		
VIC		12.53%	12.83%		
FAM		87.47%	87.17%		
VIC+Both		99.36%	99.56%		

HWE test		P value		OR (95%CI) - OR (95%CI)	
FAM	0.958982345	0.845388868			
Both	29.26%	26.77%			
VIC	49.05%	49.00%			
sum	21.68%	24.23%			
HWE test					
allele FAM	0.807817771	0.845141253	1.294816989		
allele VIC	0.947609043	0.845141253	1.294816989		
FAM-Both	1.052266521	0.845141253	1.294816989		
VIC	0.872156647	0.845141253	1.294816989		
FAM	1.445390488	0.845141253	1.294816989		
VIC-Both	0.973794205	0.845141253	1.294816989		

MS129-044 C.2626137 (FAM/VIC=G/G)		SLE		control		P value		OR (95%CI) - OR (95%CI)	
FAM	106	193							
Both	231	435							
VIC	136	276							
sum	473	904							
HWE test									
FAM	0.915594244	0.676070356							
Both	22.41%	21.38%							
VIC	48.84%	48.12%							
sum	28.75%	30.53%							
allele FAM									
allele VIC	0.94474558	0.606652621	1.10564284						
FAM-Both	1.089031472	0.652966734	1.39039624						
VIC	0.918247108	0.613568921	1.39151101						
FAM	1.064025638	0.613568921	1.39151101						
VIC-Both	0.939826278	0.613568921	1.39151101						

MS129-048 JST130292 (FAM/VIC=G/A)		SLE		control		P value		OR (95%CI) - OR (95%CI)	
FAM	105	211							
Both	221	440							
VIC	143	251							
sum	469	902							
HWE test									
FAM	0.538950675	0.79638931							
Both	22.39%	23.39%							
VIC	47.12%	48.78%							
sum	20.48%	27.83%							
allele FAM									
allele VIC	0.878970492	0.668213961	1.22600789						
FAM-Both	1.137694692	0.990788613	1.453897263						
VIC	0.301223883	0.301223883							
FAM	22.39%	23.39%							
VIC-Both	77.61%	76.61%							

MS129-049 JST130292 (FAM/VIC=G/A)		SLE		control		P value		OR (95%CI) - OR (95%CI)	
FAM	190	365							
Both	221	409							
VIC	62	137							
sum	473	901							
HWE test									
FAM	0.96383884	0.66378936							
Both	40.17%	39.40%							
VIC	46.72%	45.39%							
sum	13.11%	15.21%							
allele FAM									
allele VIC	0.903306253	0.903306253	1.251515264						
FAM-Both	0.940489818	0.940489818	1.10704232						
VIC	1.887139	0.84953319	1.64205232						
FAM	0.841245316	0.841245316							
VIC-Both	0.932968417	0.822878569	1.29628282						
FAM	40.17%	39.40%							
VIC-Both	59.83%	60.60%							

HWE test		P value		OR (95%CI) - OR (95%CI)	
FAM	0.465936041	0.896546037			
Both	33.55%	34.07%			
VIC	46.37%	47.95%			
sum	20.09%	0.632118816			
HWE test					
allele FAM	0.807817771	0.845141253	1.11153003		
allele VIC	0.947609043	0.845141253	1.11153003		
FAM-Both	1.052266521	0.845141253	1.11153003		
VIC	0.872156647	0.845141253	1.11153003		
FAM	1.445390488	0.845141253	1.11153003		
VIC-Both	0.973794205	0.845141253	1.11153003		

MS129-043 C.2892011 (FAM/VIC=G/A)		SLE		control		P value		OR (95%CI) - OR (95%CI)	
FAM	76	144							
Both	213	437							
VIC	183	319							
sum	472	900							
HWE test									
FAM	0.573173136	0.962066331							
Both	16.10%	16.00%							
VIC	45.13%	48.56%							
sum	38.77%	35.44%							
allele FAM									
allele VIC	0.934726937	0.795451275	1.095388392						
FAM-Both	1.069831156	0.910424771	1.257148026						
VIC	0.688868842	0.688868842	1.451858833						
FAM	1.152290461	0.916248823	1.364618079						
VIC-Both	1.007535758	0.74398078	1.344718947						
FAM	84.00%	84.00%							
VIC-Both	0.992481203	0.732809807	1.344718947						

MS129-045 JST130313 (FAM/VIC=G/T)		SLE		control		P value		OR (95%CI) - OR (95%CI)	
FAM	420	817							
Both	54	87							
VIC	0	0							
sum	474	904							
HWE test									
FAM	0.42181733	0.315029706							
Both	68.61%	60.38%							
VIC	11.39%	9.62%							
sum	0.00%	0.00%							
allele FAM									
allele VIC	0.842817056	0.693957077	1.18649709						
FAM-Both	0.316892474	0.316892474	1.18649709						
VIC	0.842817056	0.693957077	1.18649709						
FAM	88.61%	90.38%							
VIC-Both	11.39%	9.62%							

MS129-046 JST130295 (FAM/VIC=G/T)		SLE		control		P value		OR (95%CI) - OR (95%CI)	
FAM	147	296							
Both	232	431							
VIC	94	175							
sum	473	902							
HWE test									
FAM	0.988931334	0.72217146							
Both	31.08%	32.82%							
VIC	49.05%	47.78%							
sum	19.87%	19.40%							
allele FAM									
allele VIC	0.95818792	0.815988887	1.120340715						
FAM-Both	1.045895143	0.89258651	1.25358954						
VIC	0.70543475	0.7373015	1.283788921						
FAM	1.030350647	0.778944932	1.362898881						
VIC-Both	0.9231678	0.726742754	1.172682881						
FAM	31.08%	32.82%							
VIC-Both	68.92%	67.18%							

MS129-050 C.57728 (FAM/VIC=G/A)		SLE		control		P value		OR (95%CI) - OR (95%CI)	
FAM	404	780							
Both	66	106							
VIC	1	5							
sum	471	900							
HWE test									
FAM	0.606194452	0.783853853							

表13

	85.77%	87.67%					
FAM	14.01%	11.78%	0.304445299				
Both	0.21%	0.56%					
VIC	92.78%	93.56%	0.885356993	0.649165596	1.207483899		
allTele FAM	7.22%	6.44%	1.129497888	0.828166393	1.540438997		
allTele VIC	98.79%	93.44%	2.625698324	0.305560373	22.544065021		
FAM+Both	0.21%	0.56%	0.380851064	0.044364293	3.289465703		
VIC	85.77%	87.67%	0.846305999	0.612766429	1.17534301		
FAM	14.23%	12.33%	0.32235037	1.178819809	0.850815457	1.633275896	
VIC+Both							









selected informative marker: 25 markers  
statistical significant microsatellite marker: 8 markers  
examined SNP: 217 SNPs  
informative SNP: 177 SNPs  
statistical significant SNP: 17 SNPs  
WHSO 1 & 2 region: 2 statistical significant SNPs/9 informative SNPs/27 examined SNPs  
MS129 region: 7 statistical significant SNPs/44 informative SNPs/49 examined SNPs  
MS336 region: 2 statistical significant SNPs/17 informative SNPs/86 examined SNPs  
BST1 region: 6 statistical significant SNPs/15 informative SNPs/29 examined SNPs

**Association of SNP -169C/T of *FcRH3*  
(*Fc Receptor Homolog 3*) with AITD and SLE**

表A

Disease	Number of subjects	Genotype			Allele C frequency	Recessive-trait comparison	
		CC (%)	CT (%)	TT (%)		OR (95% CI)	P
SLE	564	100 (17.7)	259 (45.9)	205 (36.3)	0.41	1.49 (1.16-1.92)	0.0017
GD	351	72 (20.5)	179 (51.0)	100 (28.5)	0.46	1.79 (1.34-2.39)	0.000074
HT	158	30 (19.0)	74 (46.8)	54 (34.2)	0.42	1.62 (1.07-2.47)	0.022
AITD	509	102 (20.0)	253 (49.7)	154 (30.3)	0.45	1.74 (1.35-2.24)	0.000017
RA+ AITD+SLE	2437	438 (18.0)	1167 (47.9)	832 (34.1)	0.42	1.52 (1.29-1.79)	0.00000084
Controls	2037	257 (12.6)	995 (48.8)	785 (38.5)	0.37		

**Association of Genotype of *FcRH3* with  
production of autoantibodies in SLE-patients**

表B

Genotype -169T/C	$\alpha$ DNA-antibodies (IU/ml)	Number of subjects
C/C	294.1	18
C/T + T/T	145.1	102
.....		
C/T	147.6	62
T/T	142.1	40

(P < 0.026)