

T75	disease 2394 2396	LS	
T76	cohort-patient 2466 2474		probands
T73	mutation 2189 2200	p.Lys618Ala	
T74	mutation 2331 2342	p.Lys618Ala	
T79	size 1626 1630	2.8%	
T77	cohort-patient 882 890		carriers
T78	size 1571 1576	2.41%	
T29	cohort-patient 2485 2494		relatives
T28	cohort-patient 2100 2114		positive cases
T27	cohort-patient 1489 1500		individuals
T26	cohort-patient 940 951		individuals
T25	cohort-patient 2303 2311		patients
T24	cohort-patient 1345 1353		patients
T23	cohort-patient 990 998		patients
T22	cohort-patient 324 332		patients
T21	body-part 966 976		colorectal
T72	Disorder 2118 2144		microsatellite instability
T71	size 2096 2099	two	
T20	disease 219 226		cancers
T70	cohort-patient 1548 1552		nine
T62	mutation 1367 1378	p.Lys618Ala	
T64	size 1476 1488	Twenty-seven	
T65	mutation 1527 1538	p.Lys618Ala	
T66	size 1548 1552	nine	
T67	size 1579 1584	seven	
T68	size 1636 1638	11	
T69	cohort-patient 1644 1652		controls
T38	disease 1827 1829	LS	
T37	mutation 1748 1759	p.Lys618Ala	
T39	cohort-patient 1579 1584		seven
T34	cohort-patient 1847 1853		family
T33	size 2152 2157	11.8%	
T36	cohort-patient 689 707	control	population
T35	cohort-patient 1949 1955		family
T30	size 1105 1110	Three	
T61	size 1342 1344	17	
T32	cohort-patient 1830 1838		families
T60	body-part 1307 1317		colorectal
T31	cohort-patient 1133 1141		families
T41_2	Concepts_Ideas 145 173		autosomal dominant inherited
T6	disease 869 876	tumours	
T7	disease 1318 1324	tumour	
T49	mutation 755 766	p.Lys618Ala	
T4	gene 1999 2003	MSH6	
T48	mutation 653 664	p.Lys618Ala	
T5	disease 268 275	tumours	
T8	disease 2176 2183	tumours	

T9	disease 966 983	colorectal cancer
T43	body-part 246 257	endometrium
T94	Physiology 2264 2295	functional inactivation of MLH1
T93	mutation 1789 1809	pathogenic mutations
T42	body-part 234 244	colorectum
T41	disease 135 137	LS
T40	mutation 31 47	c.1852_1853AA>GC
T47	disease 564 566	LS
T46	mutation 405 416	p.Lys618Ala
T45	mutation 387 403	c.1852_1853AA>GC
T44	disease 321 323	LS
T88	Concepts_Ideas 1610 1620	hereditary
T89	cohort-patient 2081 2089	families
T84	Disorder 207 218	early onset
T85	cohort-patient 1024 1032	families
T86	Concepts_Ideas 957 965	sporadic
T50	Disorder 839 865	microsatellite instability
T87	Concepts_Ideas 1557 1565	sporadic
T1	gene 51 55	MLH1
T9_cancer	disease 977 983	cancer
T3	gene 2291 2295	MLH1
T2	gene 433 437	MLH1
T59	mutation 1217 1228	p.Lys618Ala
T10	disease 985 988	CRC
T11	disease 1566 1569	CRC
T12	disease 1621 1624	CRC
T13	disease 2299 2302	CRC
T14	disease 2462 2465	CRC
T52	size 935 939	1034
T81	size 1813 1816	two
T15	disease 81 95	Lynch syndrome
T80	size 1654 1659	2.68%
T51	mutation 920 931	p.Lys618Ala
T16	disease 119 133	Lynch syndrome
T54	size 1000 1003	250
T17	cohort-patient 1004 1018	index subjects
T53	size 953 956	373
T82	size 1843 1846	one
T18	size 2146 2150	2/17
T19	disease 174 180	cancer
T56	cohort-patient 1094 1102	controls
T55	disease 1053 1055	LS
T58	disease 1130 1132	LS
T57	size 1090 1093	411
R42_m	has Arg1:T28 Arg2:T33	
R29_2	relatedTo Arg1:T8 Arg2:T73	
R15_1	has Arg1:T27 Arg2:T65	
R50_1	has Arg1:T94 Arg2:T13	

R9_1 has Arg1:T31 Arg2:T59
R32_m relatedTo Arg1:T13 Arg2:T3
R43_1 has Arg1:T41_2 Arg2:T41
R47_2 has Arg1:T72 Arg2:T28
R48_1 relatedTo Arg1:T21 Arg2:T10
R0_T94_T3 has Arg1:T94 Arg2:T3
R49_2 has Arg1:T23 Arg2:T51
R20_m has Arg1:T27 Arg2:T64
R46_2 has Arg1:T24 Arg2:T7
R21_m has Arg1:T87 Arg2:T11
R25_2 has Arg1:T32 Arg2:T37
R4_m has Arg1:T41_2 Arg2:T16
R18_m has Arg1:T24 Arg2:T61
R30_m has Arg1:T28 Arg2:T8
R19_m has Arg1:T24 Arg2:T62
R13_m has Arg1:T17 Arg2:T54
R28_m has Arg1:T72 Arg2:T8
R43_m has Arg1:T32 Arg2:T38
R12_m has Arg1:T23 Arg2:T53
R5_m has Arg1:T84 Arg2:T20
R6_m relatedTo Arg1:T42 Arg2:T20
R31_m has Arg1:T76 Arg2:T14
R40_m has Arg1:T70 Arg2:T78
R11_m has Arg1:T26 Arg2:T52
R17_m relatedTo Arg1:T60 Arg2:T7
R1_m has Arg1:T1 Arg2:T40
R41_m has Arg1:T28 Arg2:T18
R14_m has Arg1:T56 Arg2:T57
R34_m has Arg1:T86 Arg2:T9
R16_m has Arg1:T31 Arg2:T30
R9_m has Arg1:T2 Arg2:T45
R33_m has Arg1:T25 Arg2:T13
R24_m has Arg1:T32 Arg2:T81
R10_2 has Arg1:T50 Arg2:T6
R39_1 has Arg1:T3 Arg2:T73
R36_m has Arg1:T70 Arg2:T66
R26_m has Arg1:T34 Arg2:T82
R51_1 has Arg1:T41_2 Arg2:T41
R15_m has Arg1:T31 Arg2:T58
R27_m has Arg1:T28 Arg2:T71
R52_1 has Arg1:T41_2 Arg2:T16
R2_2 relatedTo Arg1:T15 Arg2:T1
R44_m has Arg1:T2 Arg2:T46
R8_m has Arg1:T22 Arg2:T44
R45_m has Arg1:T77 Arg2:T49
R48_m has Arg1:T77 Arg2:T6
R7_m relatedTo Arg1:T43 Arg2:T20
R6_1 has Arg1:T23 Arg2:T9

R39_m has Arg1:T39 Arg2:T12
R3_2 has Arg1:T41_2 Arg2:T19
R0_T21_T9_cancer relatedTo Arg1:T21 Arg2:T9_cancer
R32_1 has Arg1:T69 Arg2:T80
R37_m has Arg1:T70 Arg2:T11
R38_m has Arg1:T39 Arg2:T67
R23_m has Arg1:T69 Arg2:T68
R31_1 has Arg1:T39 Arg2:T79
R22_m has Arg1:T88 Arg2:T12