

Appendix 1: Percentage of eligible First Degree Relatives who have received carrier testing

Gene	Number First-Degree Relatives Eligible	Number First-Degree Relatives Tested	Percentage Tested	95% Confidence Interval
<i>MLH1</i>	220	80	36%	30 – 43%
<i>MSH2</i>	166	51	31%	24 – 38%
<i>MSH6</i>	116	27	23%	16 – 31%
<i>PMS2</i>	36	8	22%	9 - 36%
<i>EPCAM</i>	8	3	38%	4 - 71%
<i>APC</i>	116	46	40%	31 - 49%
<i>MUTYH</i>	28	3	11%	-1 - 22%
<i>PTEN</i>	45	14	31%	18 – 45%
<i>SMAD4</i>	6	3	50%	10 - 90%
<i>STK11</i>	18	8	44%	21 - 67%
<i>TP53</i>	52	20	38%	25–52%
<i>CHEK2</i>	10	5	50%	19 - 81%
<i>TOTAL</i>	821	268	33%	29 – 36%