

**Table S10.** Number of potentially protein function-changing mutations with SIFT score < 0.05 or PolyPhen2 score > 0.85 versus number of non-silent mutations in 7 SMGs

Gene	Number of protein function-changing mutations	Number of non-silent mutations
<i>KRAS</i>	58	58
<i>APC</i>	66	151
<i>TP53</i>	64	80
<i>CDH10</i>	12	20
<i>SMAD4</i>	9	11
<i>FAT4</i>	15	38
<i>DOCK2</i>	10	17