

**Table S6. Two-sample Kolmogorov-Smirnov test in cfDNA samples**  
**alternative hypothesis: the CDF of cancer samples lies above that of normal samples**

Gene	D^+	p value
TRAF1	0.60976	0.03637
RPTOR	0.65854	0.02096
SPON2	0.78049	0.004385