

**Case-Control Set 1 Cut-points**

	<b>CAT</b>	<b>CEBPG</b>	<b>E2F1</b>	<b>ERCC4</b>	<b>ERCC5</b>	<b>GPX1</b>	<b>GPX3</b>	<b>GSTM3</b>	<b>GSTP1</b>	<b>GSTT1</b>	<b>GSTZ1</b>	<b>MGST1</b>	<b>SOD1</b>	<b>XRCC1</b>
<b>lower cutoff</b>	4.533204	4.11312	2.819898	2.685063325	4.624483	5.571684	3.301576	3.197169	6.447975	3.866652	3.290476	4.471452	5.332744	4.322916
<b>upper cutoff</b>	4.88233	4.397902	4.067751	3.886490725	5.026635	5.939128	3.790763	3.616833	6.686531	4.188031	3.713896	5.50774	5.83795	4.802597

**Case-Control Set 2 Cut-points**

	<b>CAT</b>	<b>CEBPG</b>	<b>E2F1</b>	<b>ERCC4</b>	<b>ERCC5</b>	<b>GPX1</b>	<b>GPX3</b>	<b>GSTM3</b>	<b>GSTP1</b>	<b>GSTT1</b>	<b>GSTZ1</b>	<b>MGST1</b>	<b>SOD1</b>	<b>XRCC1</b>
<b>lower cutoff</b>	4.300351	3.980883	2.895288	2.242262419	4.73174	5.535638	3.359472	2.878947	6.005649	3.274755	3.193034	4.454173	5.110652	4.158784
<b>upper cutoff</b>	4.812573	4.436626	3.567878	3.131684116	5.099258	5.789786	3.58766	3.523066	6.436809	3.939754	3.740383	5.153154	5.444716	4.564265

Lower and upper cut-offs best separating cancer from non-cancer individuals. Values reported are in units of target gene transcript molecules per  $10^6$   $\beta$ -actin transcript molecules.

Cut-points determined by Cutpointmapper.pl and Cutpointcondenser.pl PERL scripts. See Supplementary Files.

\*\*\* Units are in Log base 10 transformed target transcript molecules per  $10^6$  ACTB transcript molecules