

**Table S2: Fraction of neuroendocrine (NE) genes/probe sets up- or down-regulated in tumors of CEA424-SV40 TAg mice:** A gene was classified as “neuroendocrine gene” when  $\geq 10$  publications were identified with the search terms “<long form of gene name>” and “neuroendocrine” in PubMed (October 2011).

<b>Age of tumor-bearing mouse</b>	<b>Fold overexpression in tumor-bearing vs normal antrum (upregulated in tumor)</b>	<b>Fraction of NE genes (overexpressed NE / total overexpressed genes)</b>
30 d	$\geq 20$	- % (0/0)
30 d	$\geq 10$	50 % (1/2)
30 d	$\geq 5$	75 % (3/4)
60 d	$\geq 20$	100 % (2/2)
60 d	$\geq 10$	86 % (6/7)
60 d	$\geq 5$	30 % (8/27)
90 d	$\geq 20$	38 % (16/42)
90 d	$\geq 10$	20 % (26/128)
90 d	$\geq 5$	11 % (38/338)
<b>Age of tumor-bearing mouse</b>	<b>Fold overexpression in normal vs tumor-bearing antrum (downregulated in tumor)</b>	<b>Fraction of NE genes (downregulated NE / total downregulated genes)</b>
90 d	$\geq 5$	1.6 % (2*/129)

\*secretin, gastrin