

**Table S1.** Demographics of melanoma and basal cell cancer patient cohorts

	<b>Melanoma</b>	<b>Basal cell cancer</b>
<i>Total</i>	89	26
<i>Male/Female</i>	39/50	16/10
<i>Mean age [year]</i>	60.6±1.6	76.0±2.2
<i>Min/Max. age [year]</i>	25/89	54/93
<i>Acid inhibitor usage [year]</i>	3.9±0.9	4.22±0.45
<i>PPI/H2RA<sup>1</sup></i>	16/5	13/2
<i>Hp +ve/-ve<sup>2</sup></i>	37/51	16/10

<sup>1</sup>proton pump inhibitor, histamine type 2 receptor antagonists

<sup>2</sup>Helicobacter pylori