Supplementary Figure S4

A

6 human primary tumors

HRH1
CHR2
ADRA1a
ADRA1b
HTR2a

RNA expression levels 0 3.8

13 mouse primary tumors

Hrh1
Chrm3
Adra1a
Adra1b
Htr2a

RNA expression levels 0 5

9 human SCLC tumors

HRH1
CHR2
ADRA1a
ADRA1b
HTR2a

RNA expression levels 0 2.5

44 human SCLC tumors

HRH1
CHR2
ADRA1a
ADRA1b
HTR2a

RNA expression levels 0 2.98

B

Number of mAchR/Cell

mSCLC hSCLC
**Supplementary Figure 4: Expression levels of the GPCRs that are the targets of tricyclic antidepressants,**

**A,** Heat maps showing normalized RNA expression levels for the Histamine 1 Receptor (H1R), the Muscarinic acetylcholine receptor isoform 3 (CHRM3), the Alpha1A and Alpha1B Adrenergic Receptors (ADRA1a and ADRA1b), and the Serotonin Receptor 2A (HTR2a) in human and mouse SCLC tumors from four independent studies. **B,** Quantification of the number of muscarinic receptors (mAchR) per mSCLC (Kp3) and hSCLC (H69) cell using an *in vitro* binding assay.