

**Table S1. Phenotype of GCPs, pre-neoplastic cells and tumor cells from *patched* mutant mice**

	GCP	Pre-neoplastic	Tumor
Math-1 (GFP)	91	87	95
Psa-Ncam	68	31	80
Zic-1	90	35	77
TUJ1	10	77	39
A2B5	79	85	85
O4	2	15	7
GFAP	4	4	4
Nestin	2	2	3
CD133	2	0	0

Cells were isolated and either stained with antibodies against surface markers (CD133/prominin, O4, PSA-NCAM, A2B5) and analyzed by flow cytometry, or allowed to adhere to coverslips and stained with antibodies to intracellular markers (TuJ1, NeuN, Math1, Zic1, Nestin, GFAP) and analyzed by immunofluorescence microscopy. Numbers indicate the percentage of positive cells determined by flow cytometry or by counting and averaging 3-4 fields from three independent samples of each cell type.