

**Table 2**

Significantly enriched biological processes in upregulated DEGs are provided for the six histological parameters. The number in parenthesis depicts the number of DEGs that could be assigned to at least one category in the respective group. The number of genes for each category and histological parameter is provided where significantly enriched categories are indicated with an asterisk.

<b>Biological Process</b>	<b>ati (17)</b>	<b>ta (30)</b>	<b>ii (26)</b>	<b>if (16)</b>	<b>as (5)</b>	<b>gs (12)</b>
Immunity and defense	4*	6*	9*	4*	3*	6*
Cell communication	3*	7*	5*	5*	1	3*
Natural killer cell mediated immunity	2*	0	0	1*	1*	1*
Ligand-mediated signaling	2*	1	2	2*	1	2*
Cell adhesion-mediated signaling	0	3*	2	2*	0	2*
Cytokine and chemokine mediated signaling pathway	1	1	2*	2*	1*	1
Cell motility	2*	3*	1	1	1	1
Signal transduction	5	13*	10*	5	1	4
Cytokine/chemokine mediated immunity	1	0	1	2*	1*	0
Apoptosis	0	2	2	1	2*	3*
B-cell- and antibody-mediated immunity	2*	1	1	1	0	0
Cell cycle control	3*	0	0	0	0	0
Cell cycle	3*	1	0	0	0	0
Oncogenesis	2*	1	0	0	0	0
Cell structure and motility	2	6*	1	2	1	1
Intracellular protein traffic	0	4*	2	1	0	1
Cell structure	0	3*	0	1	0	0
Cell adhesion	0	3*	2	2	0	1
Endocytosis	0	3*	1	0	0	1
Proteolysis	0	2	1	2	2*	2
Cell surface receptor mediated signal transduction	2	4	4	2	1	3*
Sensory perception	0	1	0	0	0	2*