

### S3 Fig. miR-148a-3p expression on individual samples.

#### (A) miR-148a-3p shows mainly in the 'severe' group an increased expression.

The fold change values of the miR-143-3p expression in both mild and severe groups were 0.6 and 2.3 respectively ( $p=0.231$  and  $p=0.011$ ). The up-regulation in normal versus severe group is moderate but significant. The graph shows the mean values of all validated patients. On the y axis the fold change is denoted. The star on top of the horizontal brackets indicate significance. n is giving the sample number of all individually validated patients. The standard deviation is given by the top indicators.

#### (B) The receiver-operator characteristic curve for miR-148a-3p might indicate some relevance for the 'severe' patient group.

miR-148a-3p is able to discriminate the severe group of SMV patients from control samples by an AUC of 0.77 ( $p=0.009$ ). The x and y axis denote the percentage values of the performance parameters 'specificity' and 'sensitivity' over the full range from 0 to 100 percent.

