

Supplementary Table 1 - Predictive accuracy of risk classification and markers (n=161)

Predictor	Sensitivity (% , 95%CI)	Specificity (% , 95%CI)	AUC (95%CI)
Risk Classification	76 (53 – 92)	65 (56 – 73)	0.71 (0.60 – 0.81)
<i>EDNRB</i>	43 (22 – 66)	76 (68 – 83)	0.59 (0.48 – 0.71)
<i>DCC</i>	38 (18 – 62)	86 (80 – 92)	0.62 (0.51 – 0.73)
<i>HOXA9</i>	62 (38 – 82)	67 (58 - 74)	0.64 (0.53-0.76)
<i>EDNRB</i> and risk classification	76 (53 – 92)	65 (56 – 73)	0.75 (0.65 – 0.85)
<i>DCC</i> and risk classification	76 (53 – 92)	65 (56 – 73)	0.76 (0.65 – 0.86)
<i>HOXA9</i> and risk classification	76 (53 – 92)	64 (56 – 72)	0.77 (0.68 – 0.87)
Risk classification and 3 genes combined	76 (53 – 92)	65 (56 – 73)	0.76 (0.66 – 0.86)