**SUPPLEMENTARY MATERIALS**

**Potential of miR-21 to predict incomplete response to chemoradiotherapy in rectal adenocarcinoma**

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**Figures**



**Supplementary Figure S1.** ROC curve analysis**.** Comparison of miR-21 cut-offs determined by Caramès *et al* (2.8) (30) and by this study (1.18). AUC: area under the curve.



**Supplementary Figure S2.** Overall survival according to clinical and oncological parameters. Kaplan-Meier curves estimating overall survival according toage, gender, tumour location, grade, nodes, extramesorectal nodes, type of radio-sensitizing agent and post-operative morbidity.

**Table**

**Supplementary Table S1.** Preoperative CRT miR-21 predictive value.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Incomplete response | Complete response | Total |
| miR-21 low | 10 | 24 | 34 |
| miR-21 high | 5 | 43 | 48 |
| Total | 15 | 67 | 82 |
| PPV (%) 89.5 |  | Sensitivity (%) 64 |
| NPV (%) 29.4 |  | Specificity (%) 66 |

Cut-off derived by ROC curve.

miR-21 high: > 1.18; miR-21 low: < 1.18.

PPV: positive predictive value; NPV: negative predictive value.