**Figure S1: Receiver-operating characteristic (ROC) curve analysis**

Receiver-operating characteristic (ROC) curve analysis to estimate the discriminatory power of administering a large number of activated PBMCs with the addition of paternal activated PBMCs, and Youden’s method selected suitable threshold. This analysis was performed using SPSS Software. ROC curves and the corresponding area under the curve (AUC) were utilized as diagnostic tools to assess the specificity and sensitivity of the indicators.

| **Area Under the Curve** | | | | |
| --- | --- | --- | --- | --- |
| Test Result Variable(s):Nbre\_lymph | | | | |
| Area | Std. Errora | Asymptotic Sig.b | Asymptotic 95% Confidence Interval | |
| Lower Bound | Upper Bound |
| .767 | .059 | .014 | .611 | .843 |
| The test result variable(s): Nbre\_lymph has at least one tie between the positive actual state group and the negative actual state group. Statistics may be biased. | | | | |
| a. Under the nonparametric assumption | | | | |
| b. Null hypothesis: true area = 0.5 | | | | |

