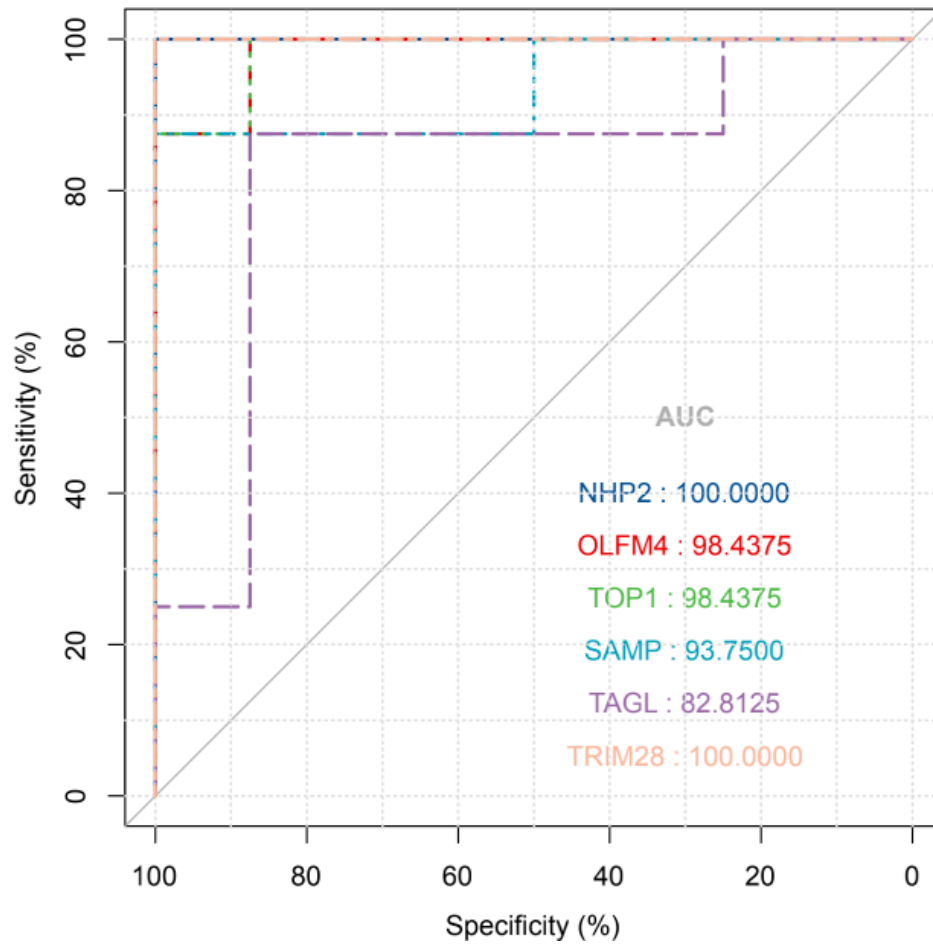
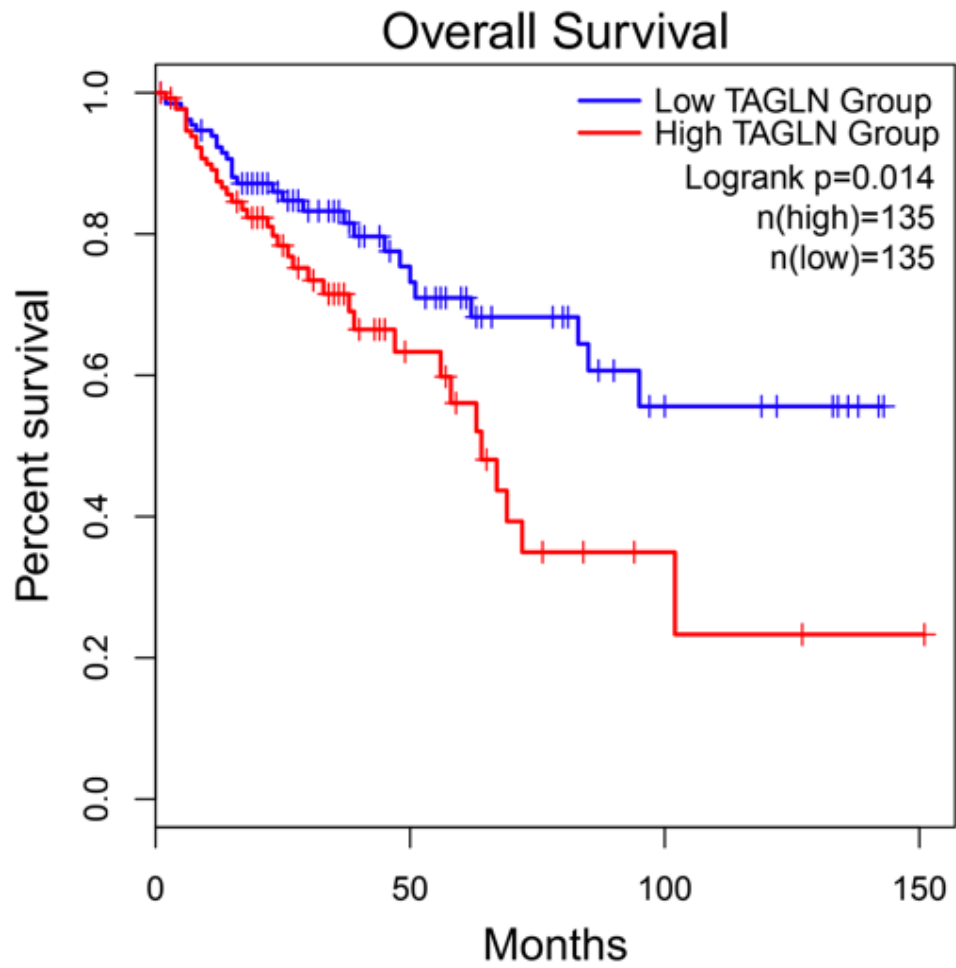


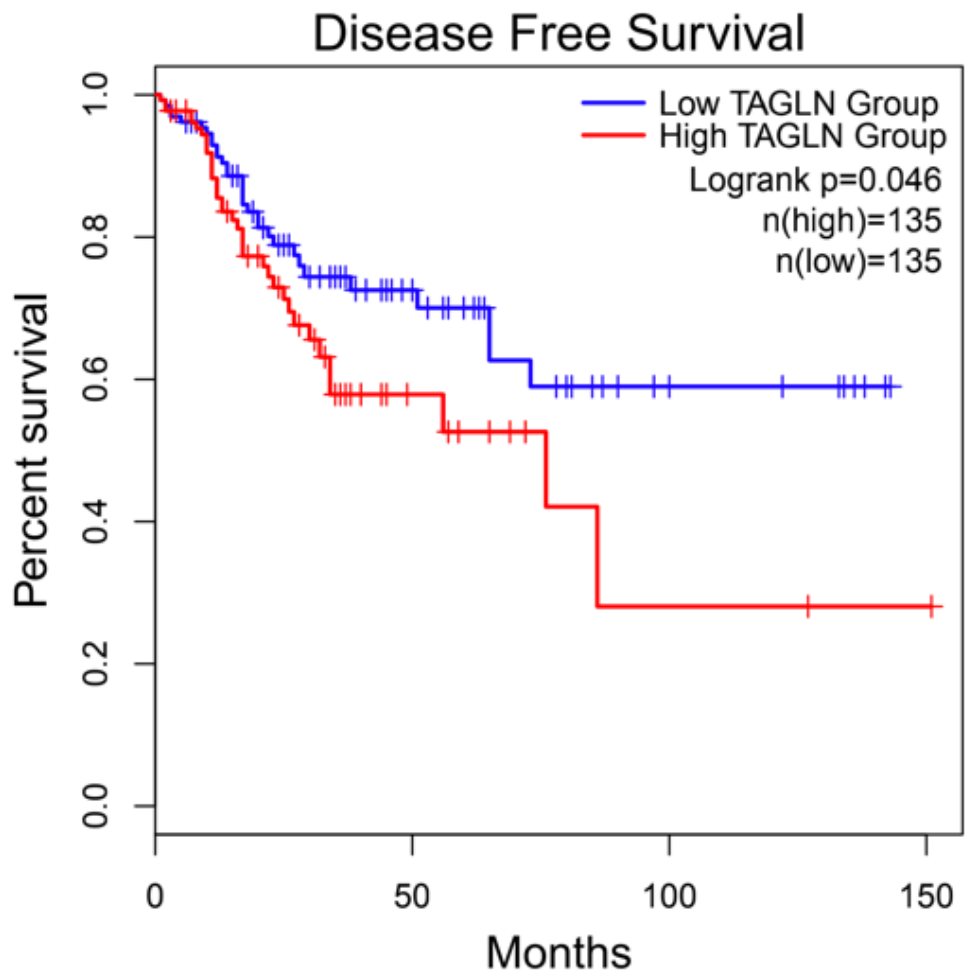
## Supplementary material



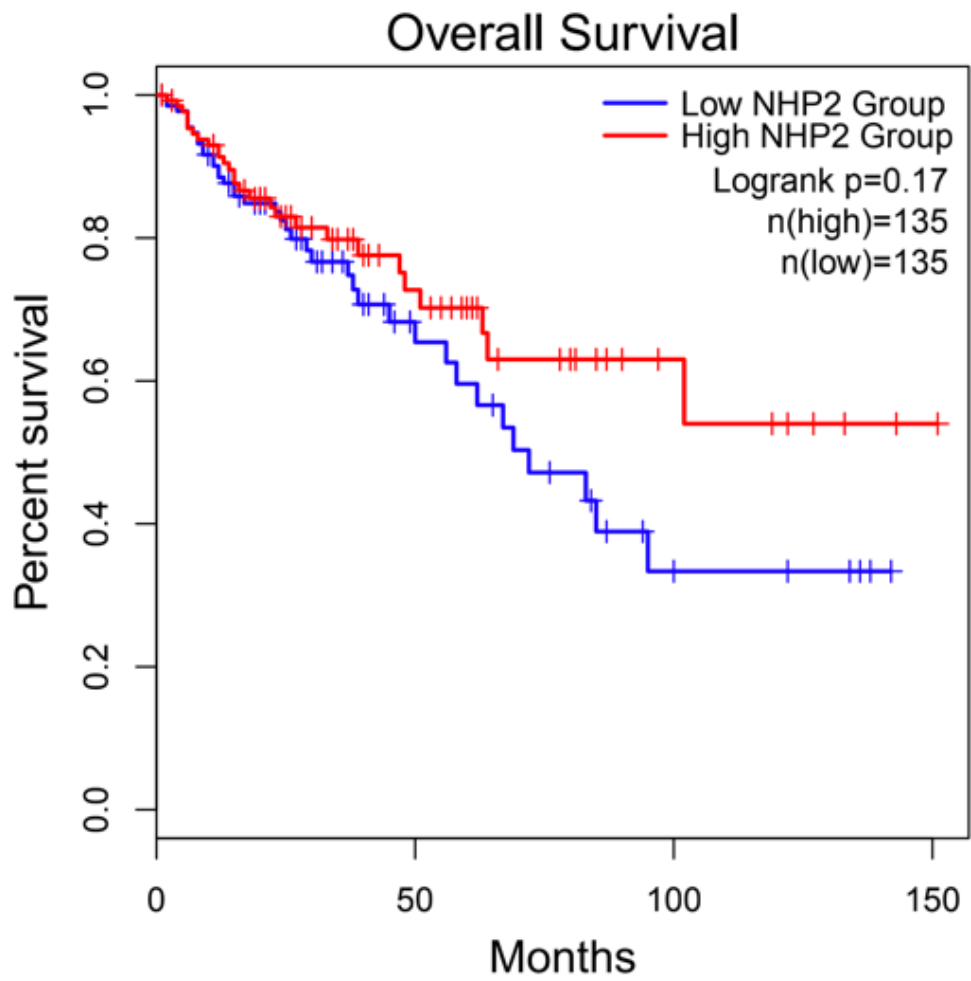
Supplementary Figure 1 Preliminary ROC analysis of candidate exosomal proteins.



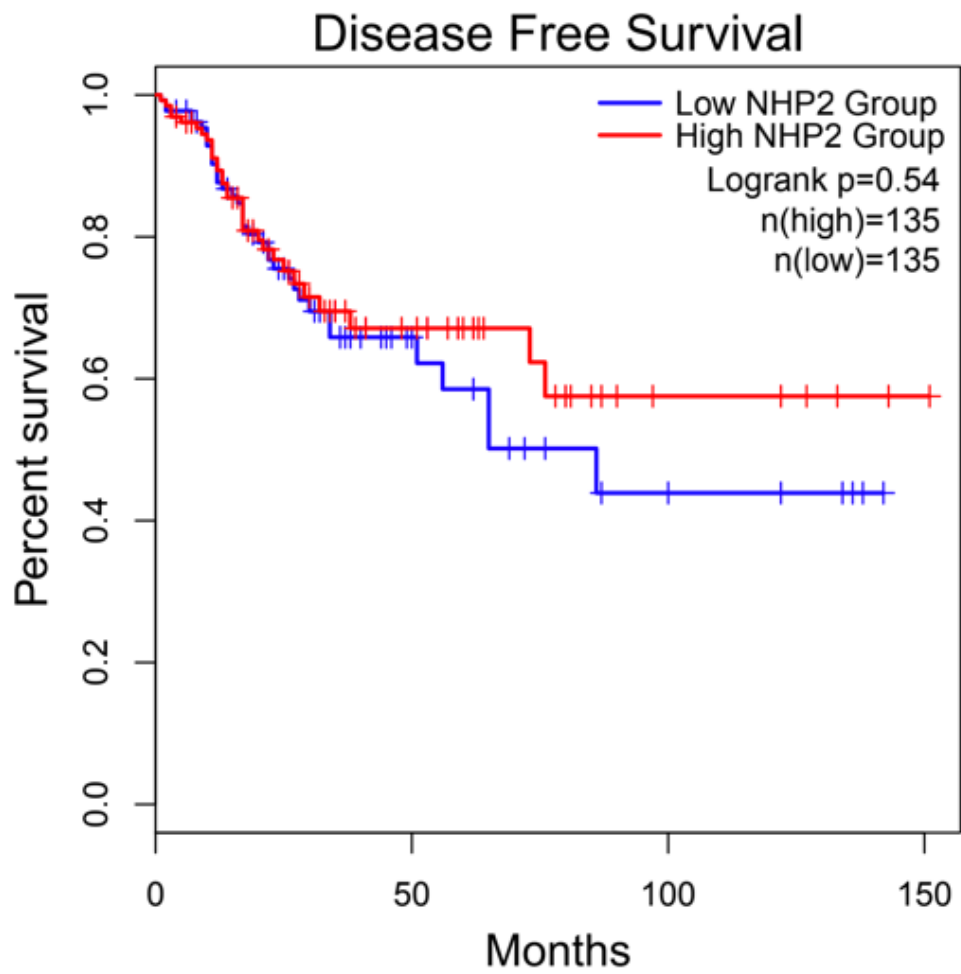
Supplementary Figure 2 Overall survival for the TAGL gene.



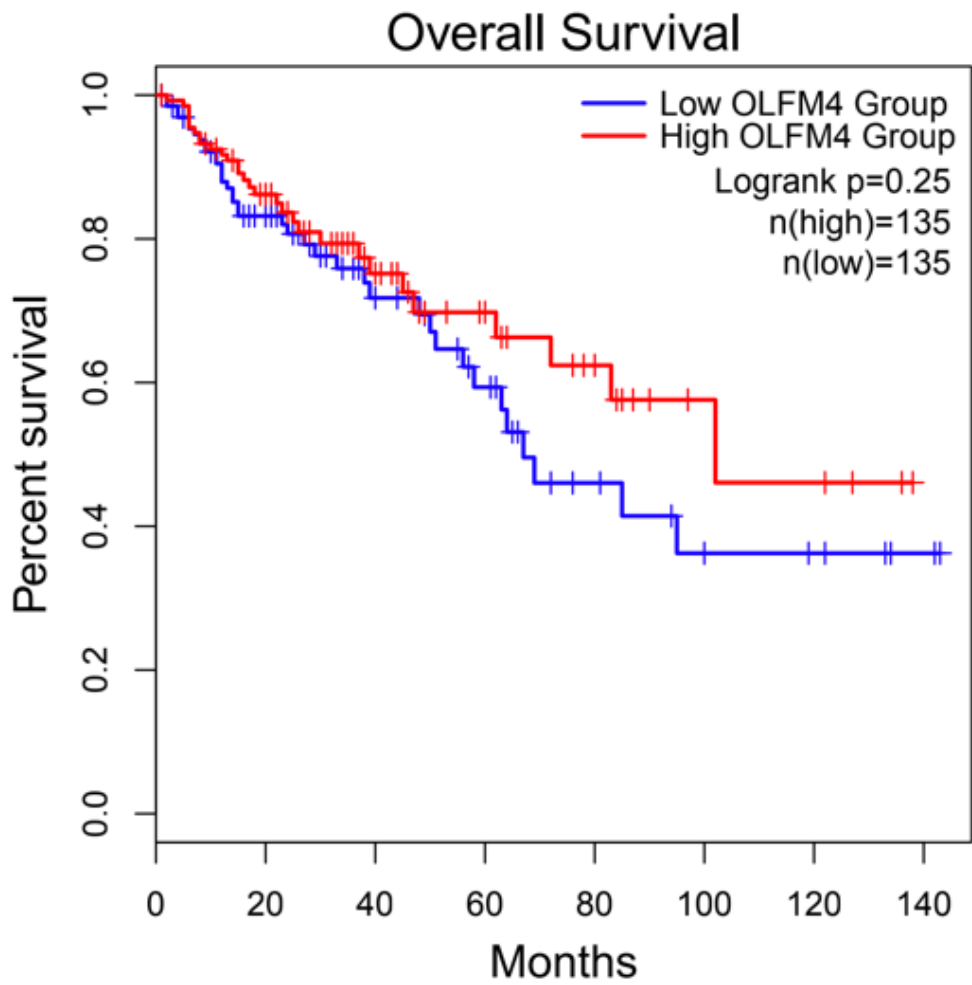
Supplementary Figure 3 Disease free survival for the TAGL gene.



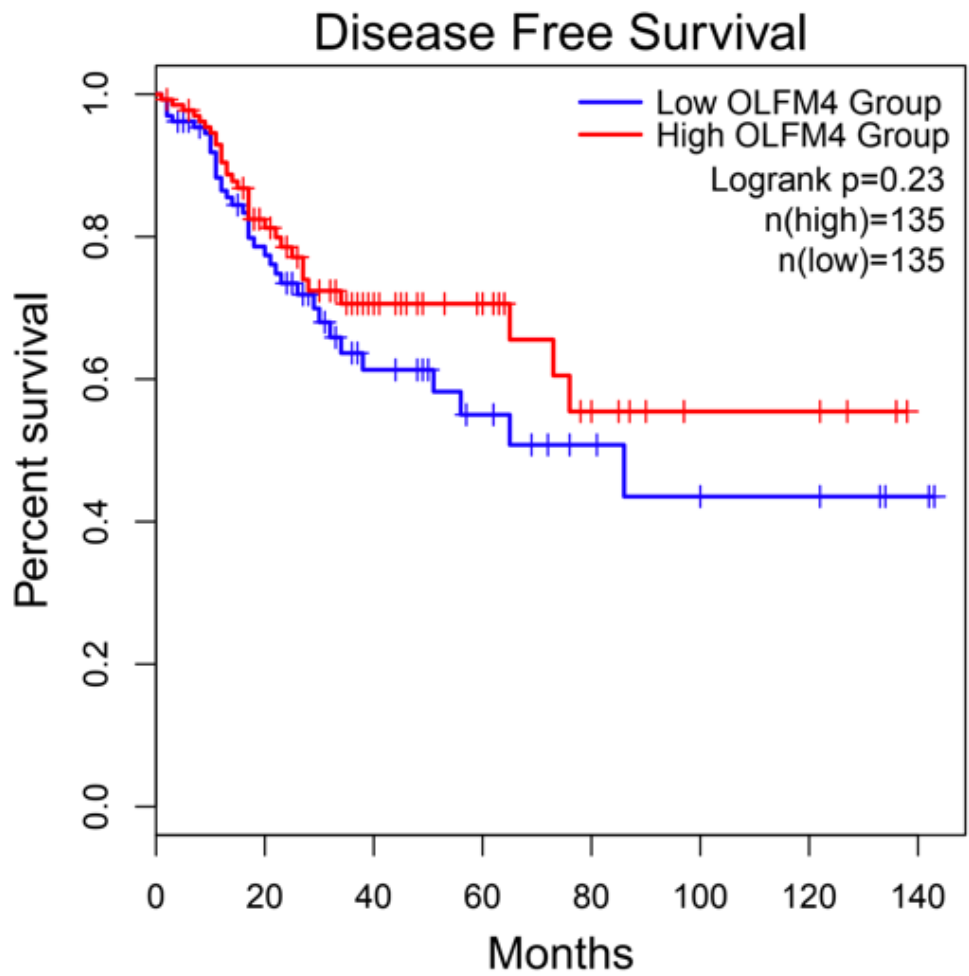
Supplementary Figure 4 Overall survival for the NHP2 gene.



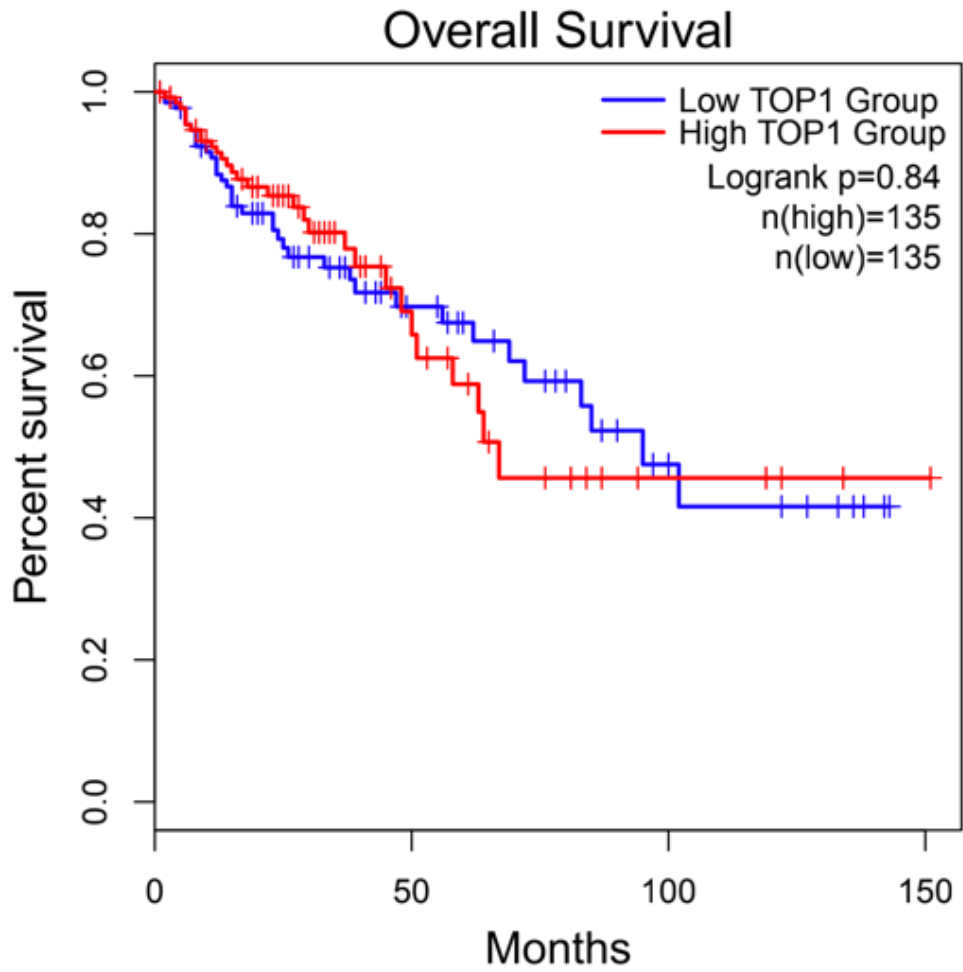
Supplementary Figure 5 Disease free survival for the NHP2 gene.



Supplementary Figure 6 Overall survival for the OLFM4 gene.

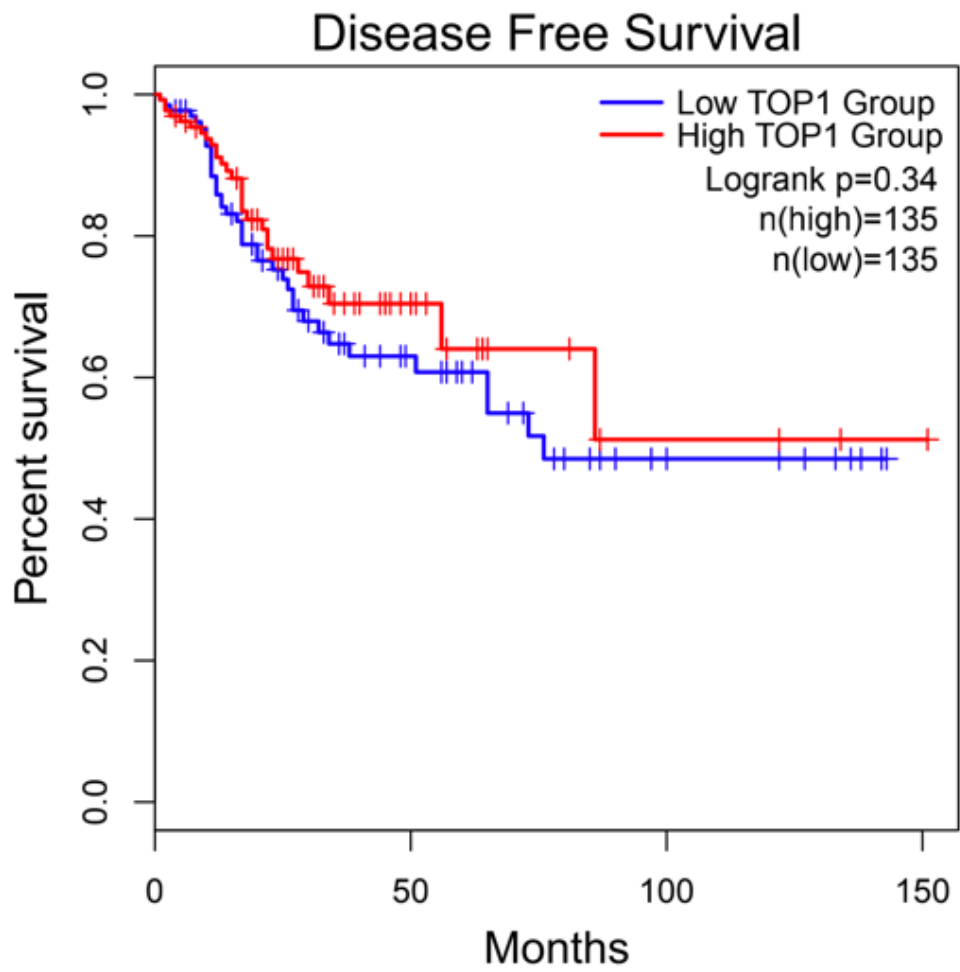


Supplementary Figure 7 Disease free survival for the OLFM4 gene.

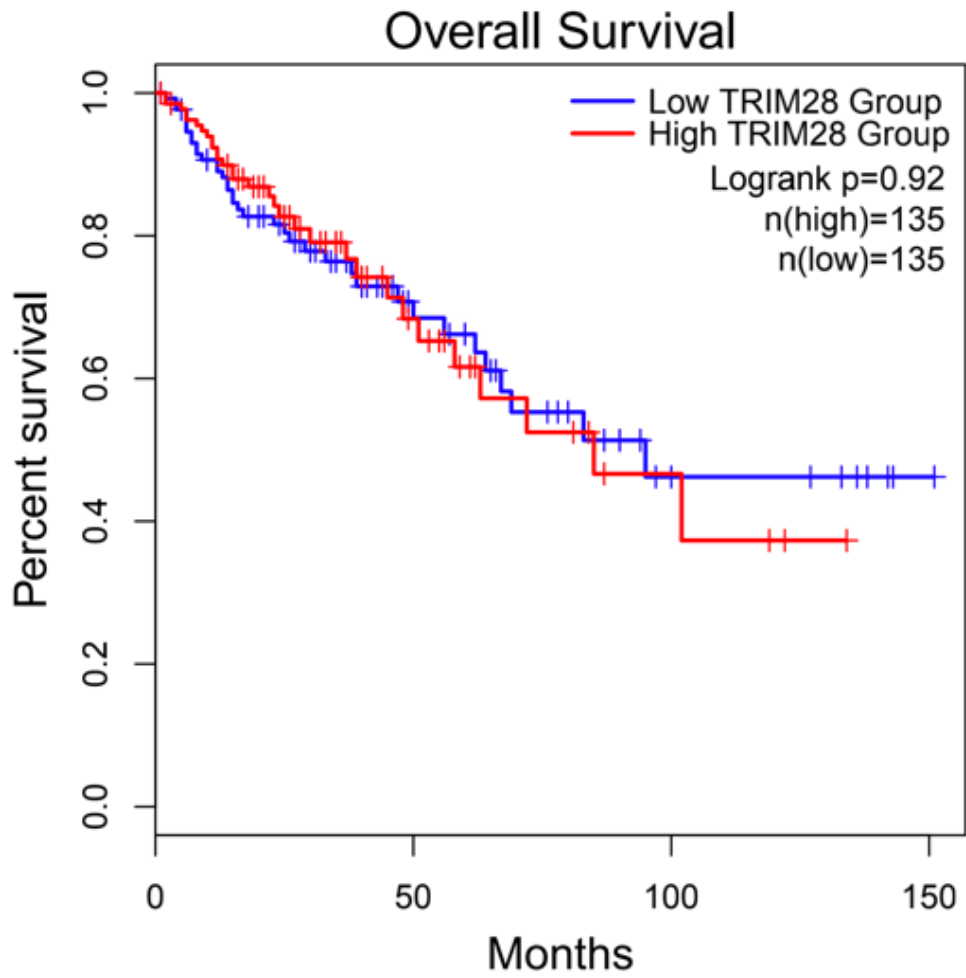


Supplementary Figure 8 Overall survival for the TOP1 gene.

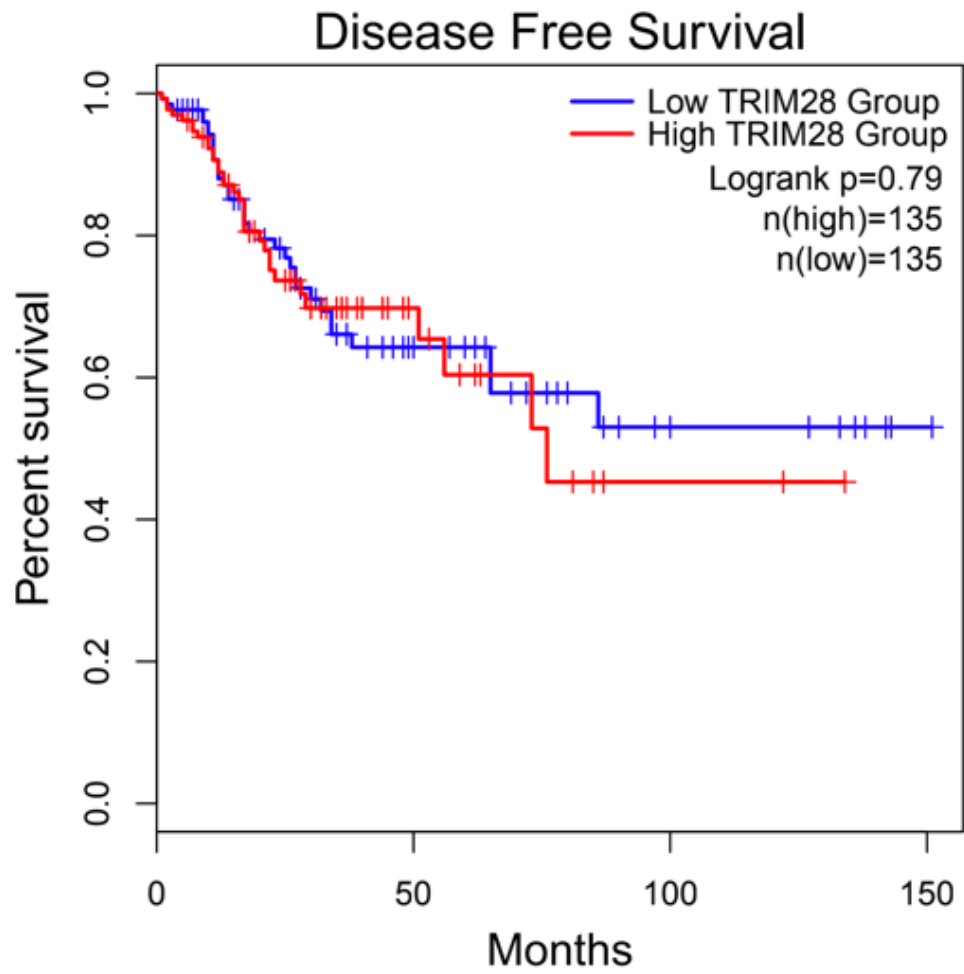




Supplementary Figure 9 Disease free survival for the TOP1 gene.



Supplementary Figure 10 Overall survival for the TRIM28 gene.



Supplementary Figure 11 Disease free survival for the TRIM28 gene.

**Supplementary Table 1 Information of all patient samples**

| Patient No. | Gender | Age (years old) | Stage | Histopathology                           | Sample tag    |               |
|-------------|--------|-----------------|-------|------------------------------------------|---------------|---------------|
|             |        |                 |       |                                          | Cancer tissue | Normal tissue |
| 1           | Female | 66              | I     | Moderately differentiated adenocarcinoma | CT1           | NT1           |
| 2           | Female | 62              | IIA   | Moderately differentiated adenocarcinoma | CT2           | NT2           |
| 3           | Male   | 75              | I     | Moderately differentiated adenocarcinoma | CT3           | NT3           |
| 4           | Male   | 61              | IIA   | Moderately differentiated adenocarcinoma | CT4           | NT4           |
| 5           | Male   | 73              | IIA   | Moderately differentiated adenocarcinoma | CT5           | NT5           |
| 6           | Male   | 69              | IIIB  | Moderately differentiated adenocarcinoma | CT6           | NT6           |
| 7           | Male   | 65              | IIIB  | Moderately differentiated adenocarcinoma | CT7           | NT7           |
| 8           | Male   | 66              | IIIB  | Moderately differentiated adenocarcinoma | CT8           | NT8           |

|    |        |    |      |                                          |      |      |
|----|--------|----|------|------------------------------------------|------|------|
| 9  | Female | 62 | IVa  | Moderately differentiated adenocarcinoma | CT9  | NT9  |
| 10 | Female | 59 | IIIB | Moderately differentiated adenocarcinoma | CT10 | NT10 |

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