

### S3 Appendix

#### Spearman correlation with corresponding $p$ -values:

Correlation:

	CA125	SiaTn.IgM	6.O.Su.TF.IgM
CA125	1.00	-0.13	-0.06
SiaTn.IgM	-0.13	1.00	0.46
6.O.Su.TF.IgM	-0.06	0.46	1.00

$P$ -values:

	CA125	SiaTn.IgM	6.O.Su.TF.IgM
CA125		0.3510	0.6597
SiaTn.IgM	0.3510		0.0005
6.O.Su.TF.IgM	0.6597	0.0005	