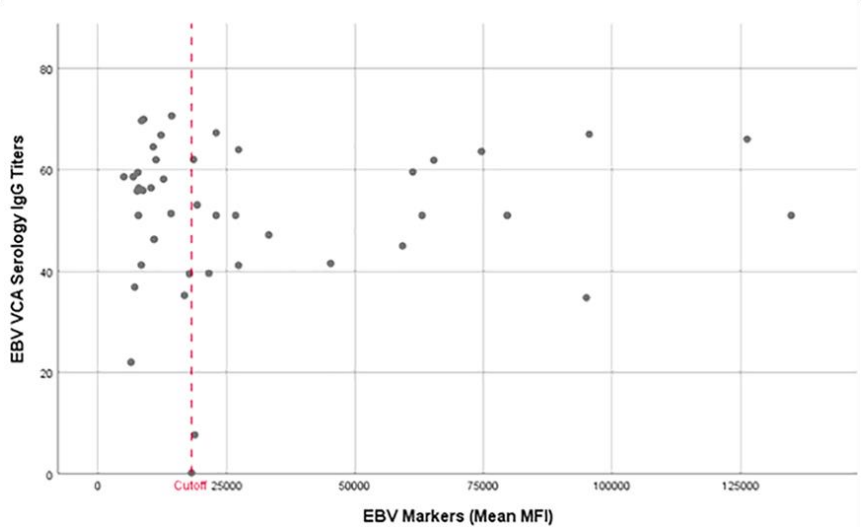
Figure e-2. Correlations between exosome-specific proteins, EBV markers, and VCA serology.

A

Correlation Matrix		EBNA1 (MFI)	LMP2A (MFI)	LMP1 (PI)	TSG101 (PI)	CD63 (PI)
EBNA1 (MFI)	Pearson Correlation	1	.814	.450	-0.230	-0.075
	Sig. (2-tailed)		0.000	0.002	0.129	0.625
LMP2A (MFI)	Pearson Correlation	.814	1	.380	-0.169	-0.083
	Sig. (2-tailed)	0.000		0.010	0.268	0.587
LMP1 (PI)	Pearson Correlation	.450	.380	1	0.024	-0.174
	Sig. (2-tailed)	0.002	0.010		0.876	0.254
TSG101 (PI)	Pearson Correlation	-0.230	-0.169	0.024	1	0.211
	Sig. (2-tailed)	0.129	0.268	0.876		0.164
CD63 (PI)	Pearson Correlation	-0.075	-0.083	-0.174	0.211	1
	Sig. (2-tailed)	0.625	0.587	0.254	0.164	

B



(A) Pearson coefficient table showing positive correlations between the EBV markers LMP1, LMP2A, and EBNA1. There were no correlations between the exosomal markers CD63 or TSG101 and the EBV markers; n=45. (B) Correlation curve of exosomal EBV expression and VCA serology titers of the corresponding exosomal donors (r = 0.0006). EBV protein marker expression is presented as the mean MFI of EBNA1 and LMP2A. A cut-off was created using exosomal mean MFI of a VCA seronegative healthy control.