

Table S3. Statistical analysis of relative amount of obtained sequences per isotype over the total number of sequences from the elderly group.

isotype	correlation	p-value
IgA1	-0.56552	0.24215
IgA2	-0.51642	0.29423
IgD	0.46762	0.34970
IgE	-0.14161	0.78901
IgG1	-0.42357	0.40264
IgG2	-0.86254	0.02704
IgG3	-0.54596	0.26243
IgG4	0.84907	0.03245
IgM	0.85822	0.02873
IgM + IgD	0.85685	0.02927
IgA + IgE + IgG	-0.85685	0.02927

For all nine isotypes and groups correlation and p-values according a linear model fit (F-test) were calculated for age dependency.