Stratification of samples by presence of blood IgG 1-35, 65, 67-70 Samples with blood IgG Stratify All samples 1-70 36-64, 66 Samples without blood IgG b VDJ heavy chain coverage CDRH3 coverage 100 75 75 50 h9C12 Q97A 50 h9C12 Q97A 25 25 100 100 75 75 000 50 50 h9C12 WT 25 25 100 100 75 75 CDRH3 coverage (%) 80 50 50 Brimab Brimab 25 VDJ coverage, 25 1 75 75 50 50 Umab Umab 25 25 100 100 75 75 PGT121 50 50 PGT121 25 25 100 100 PGDM1400 PGDM1400 75 75 50 50 25 FALSE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE TRUE FALSE Presence of blood IgG Presence of blood IgG d Stratification of samples by number of present spike-in mAbs Stratify 36-47 Samples with a single spike-in mAb Samples without blood IgG and 36-47, 55-58 equal amount of spike-in mAbs 55-58 Samples with multiple spike-in mAbs f VDJ heavy chain coverage e CDRH3 coverage 1 ng 100 100 75 75 50 50 h9C12 WT 25 25 % CDRH3 coverage, 100 100 VDJ coverage, 75 75 50 50 25 25 78.57 100 100 75 75 50 50 PGDM1400 PGDM1400 25 25 single multiple single multiple single multiple single multiple single multiple single single multiple single multiple Number of spike-in mAbs Number of spike-in mAbs WW. 1 1 1