antibodies

MDPI

Supplementary: Relative Contribution of Framework and CDR Regions in Antibody Variable Domains to Multimerisation of Fv- and scFv-Containing Bispecific Antibodies

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Supplementary Data

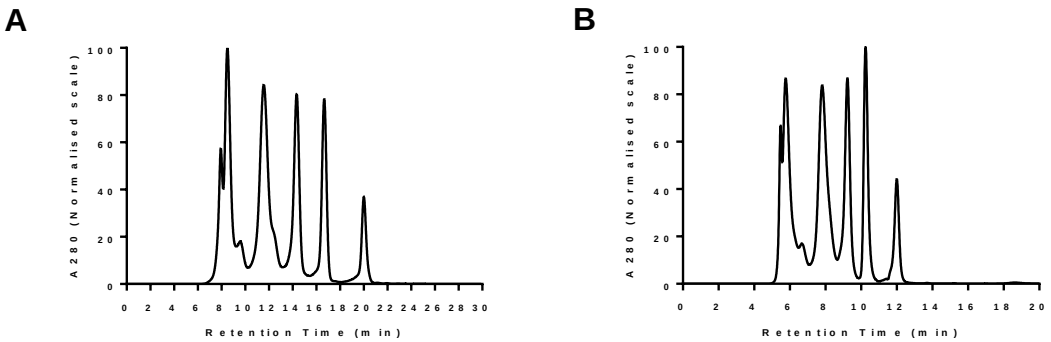

Figure S1. Gel filtration calibration. (**A**) S200 SEC profile. (**B**) G3000 SEC profile. Gel filtration standard (BioRad) was loaded for molecular weight estimation of test samples. The mixture contained bovine thyroglobulin (670,000 Da), bovine γ-globulin (158,000 Da), chicken ovalbumin (44,000 Da), equine myoglobin (17,000 Da) and vitamin B12 (1350 Da).

antibodies

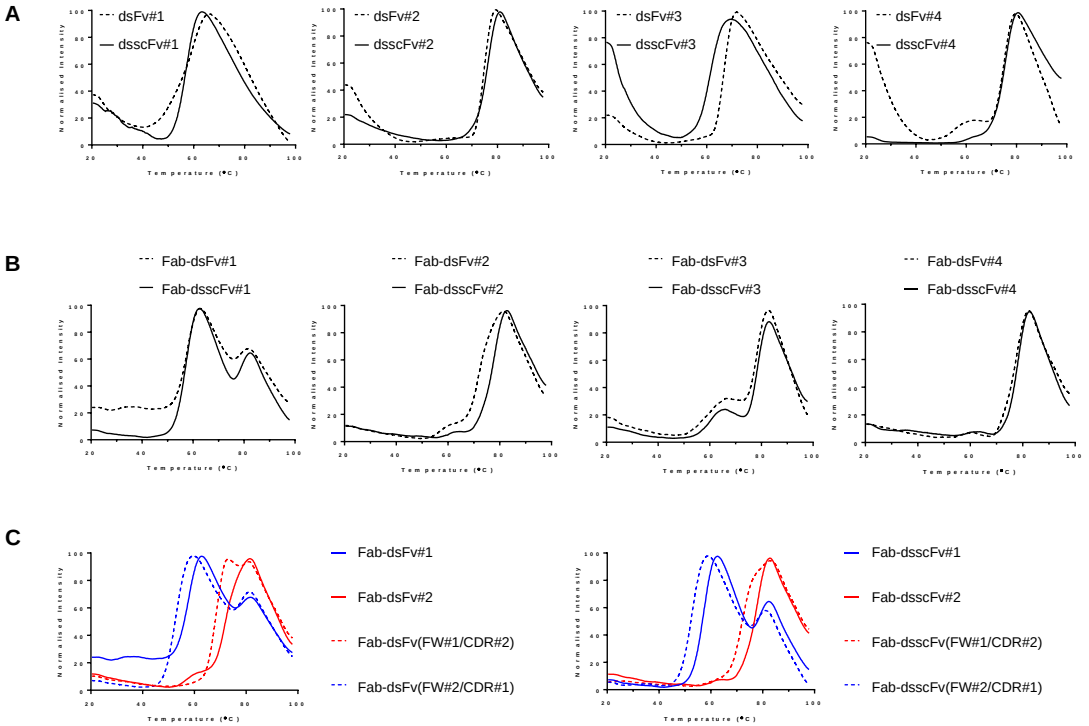

Figure S2. Thermograms of purified proteins. (**A**) dsFv vs dsscFv. (**B**) Fab-dsFv vs Fab-dsscFv. (C) Wild type vs FW/CDR 'swapped' Fab-dsFv and Fab-dsscFv. Fluorescence changes in protein/SYPRO®Orange dye mixtures were analysed on a 7900HT fast real-time PCR System, set at 20 °C to 99 °C with a ramp rate of 1.1 °C/min. The thermograms show unfolding transitions of proteins in PBS pH7.4. The inflection point of the slope(s) was used to generate the T_m.