

S7 Table: Yield and purity of variant antibodies produced from CHO cells

| Sample | Amino acid alterations and sample description | Yield (mg/L) | Yield (relative to wt) | Purity by SEC-HPLC (%) |
|---------------|--|---------------------|-------------------------------|-------------------------------|
| 5-1 | wild type | 774.5 | 1.00 | 91.1 |
| 5-52 | L234S/L235T/G236R | 963.7 | 1.24 | 90.2 |
| 5-65 | L234A/L235A (LALA) | 897.9 | 1.16 | 88.7 |