

V_H Stripping from Cells by Restriction Digestion

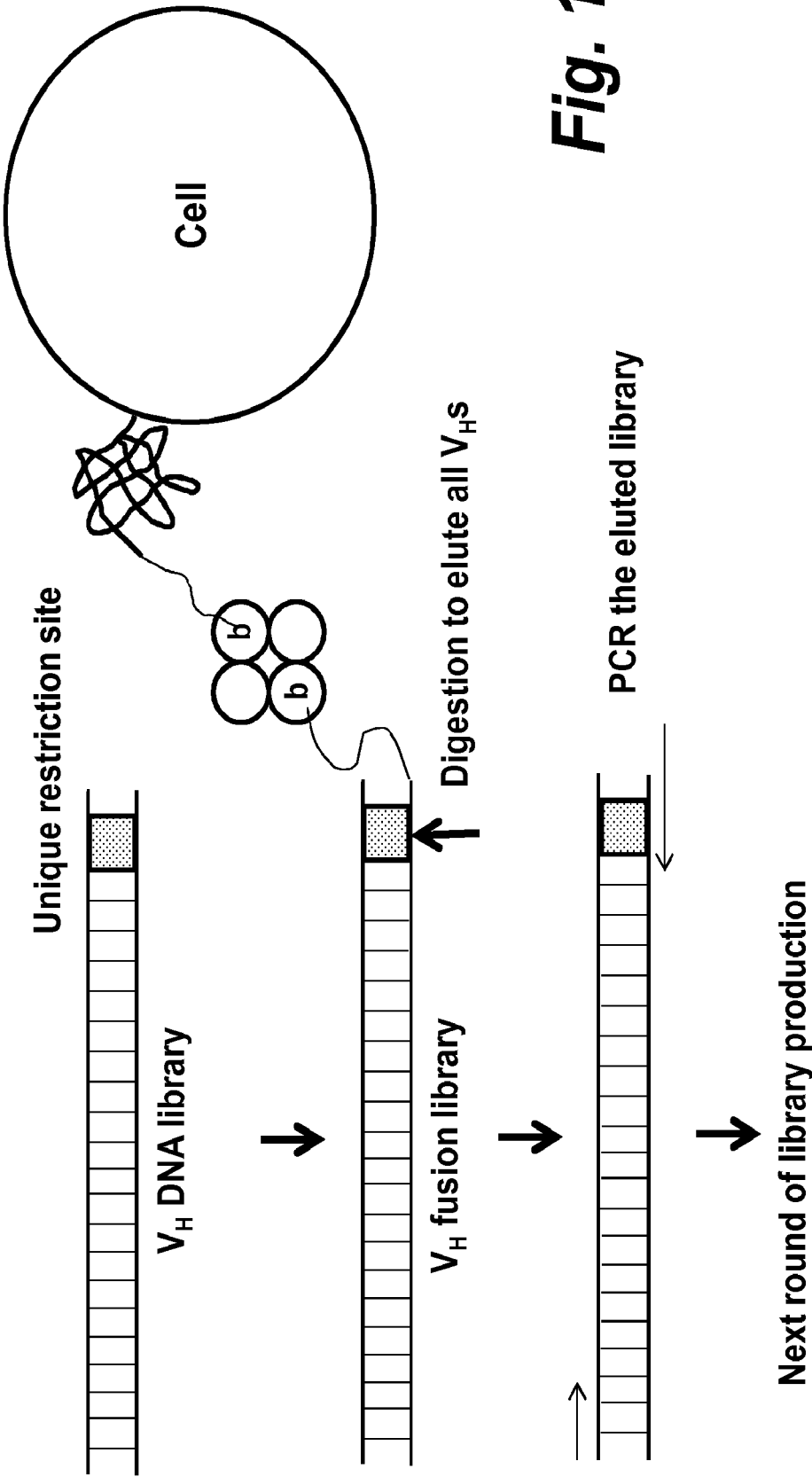


Fig. 1

V_H Clipping from Cells by PLC Digestion

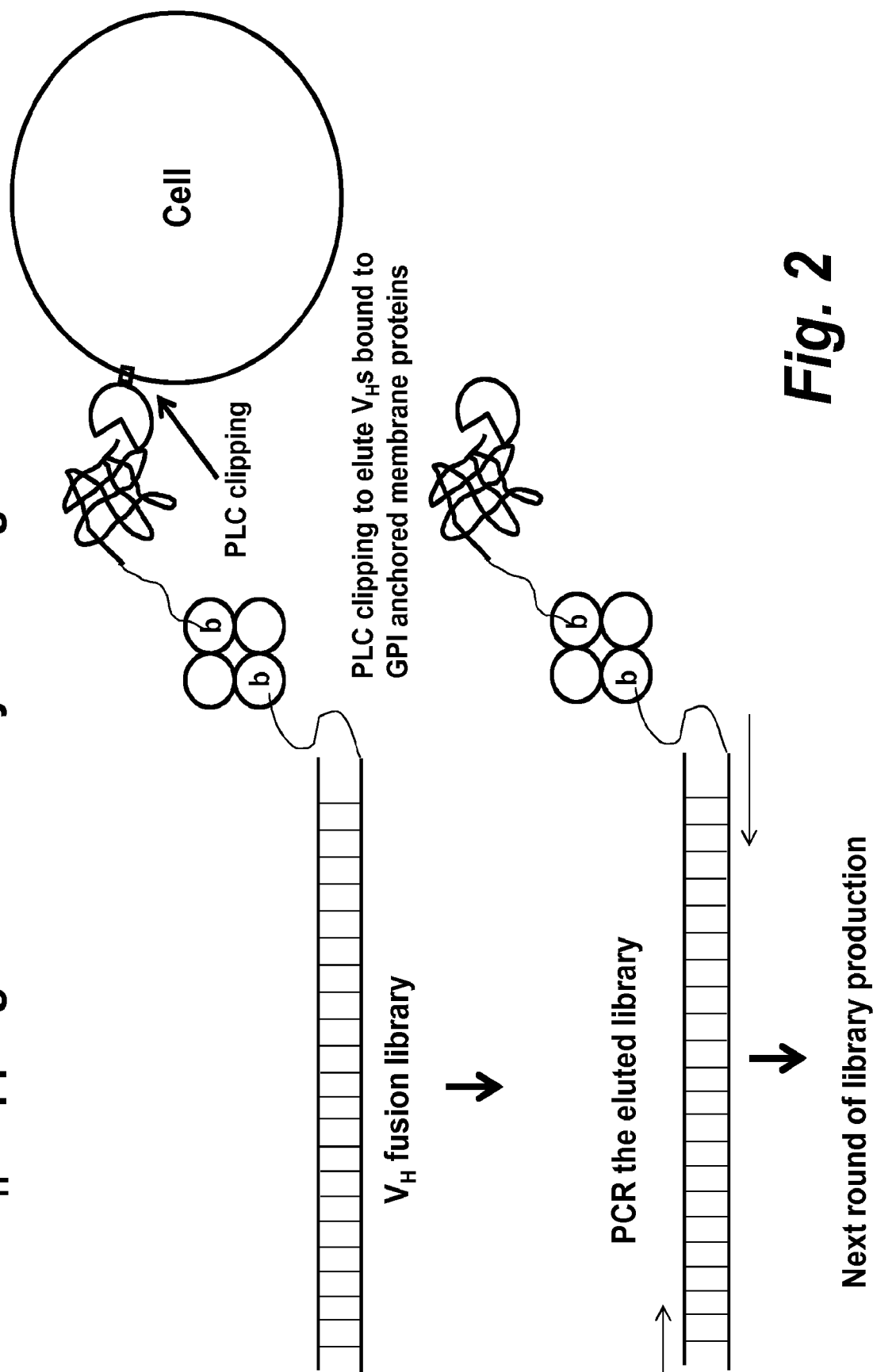


Fig. 2

**Identification of Binders to Target Cell "A" that do not Bind
Control Cells B, C or D**

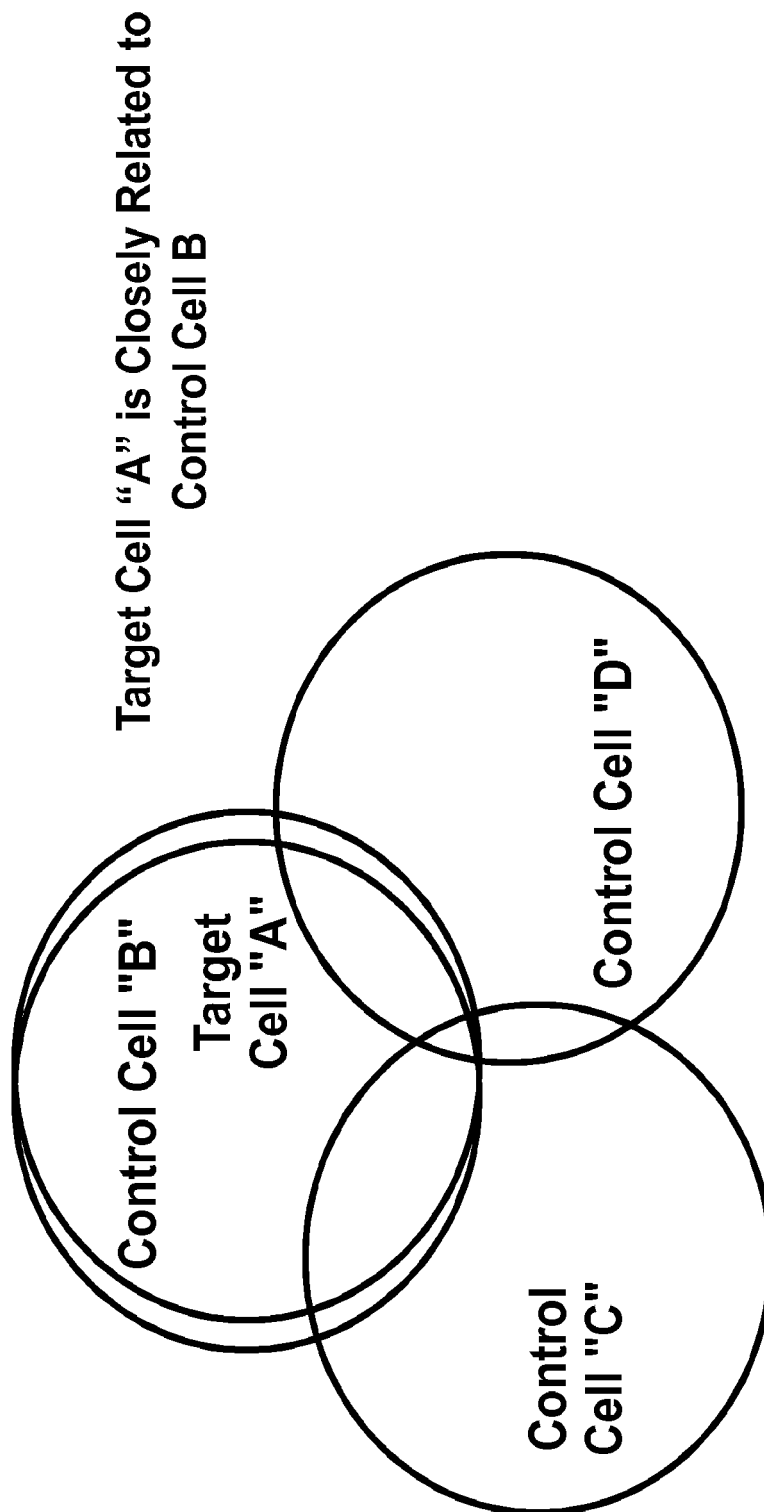


Fig. 3

Live Cell Selection and Deep Sequencing to Identify Target Cell Specific Target Epitopes

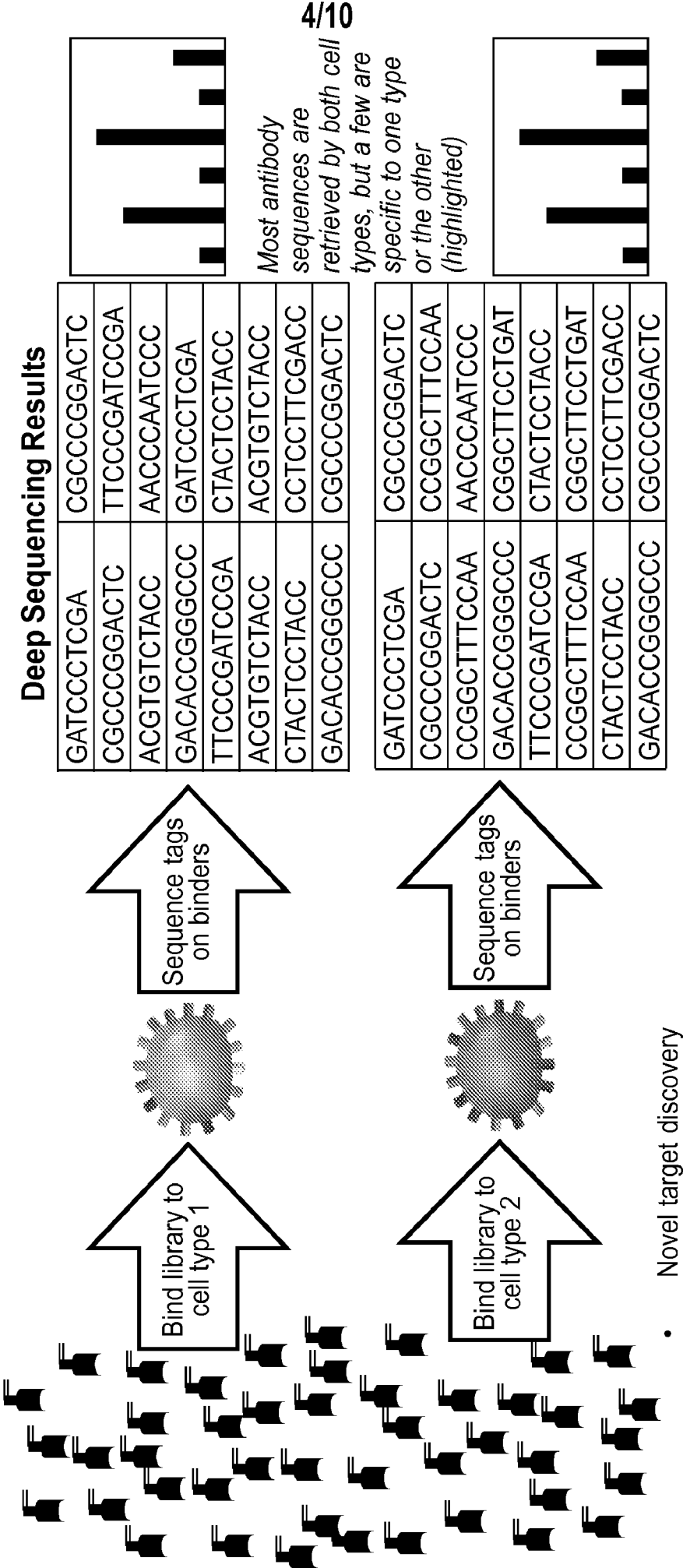
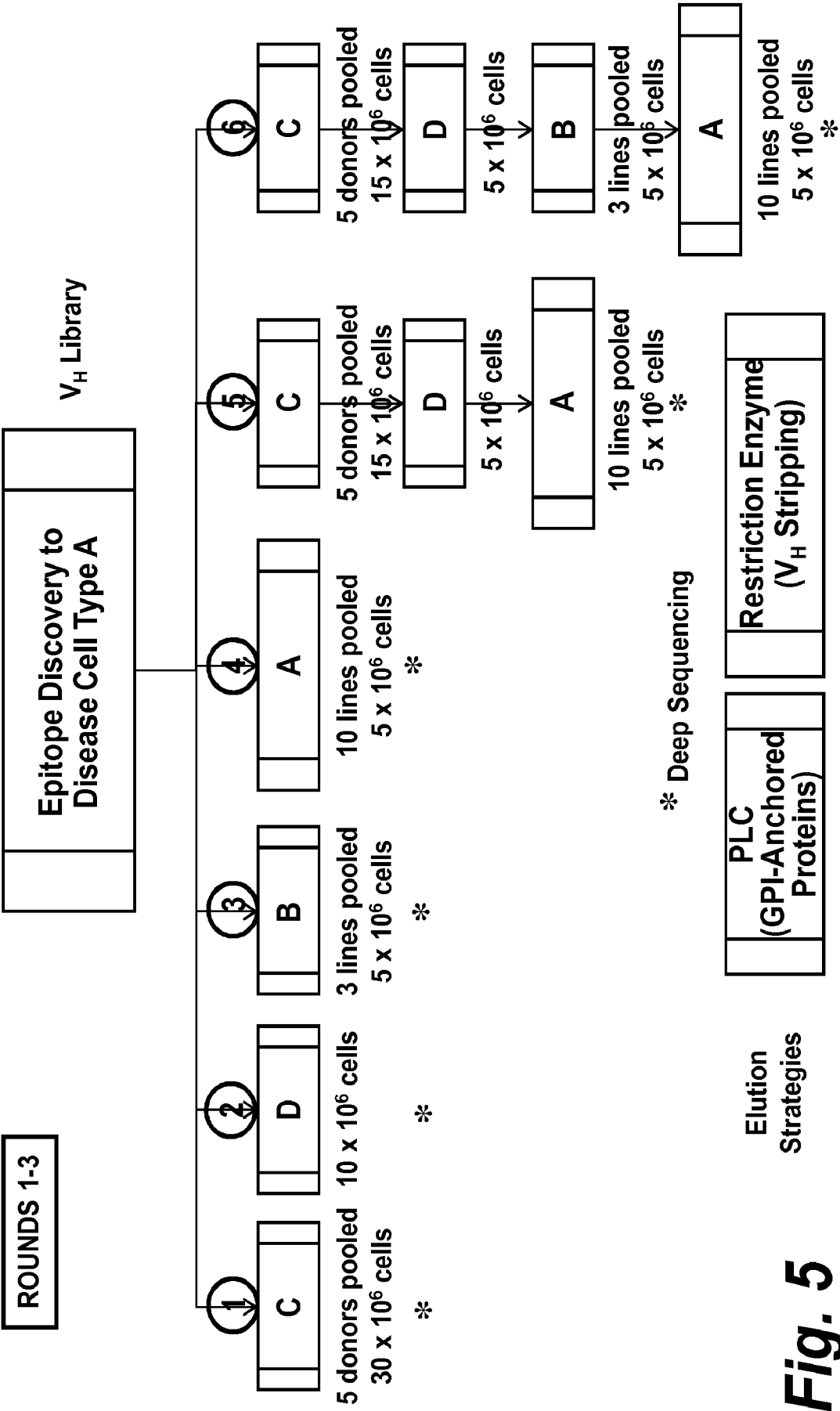


Fig. 4



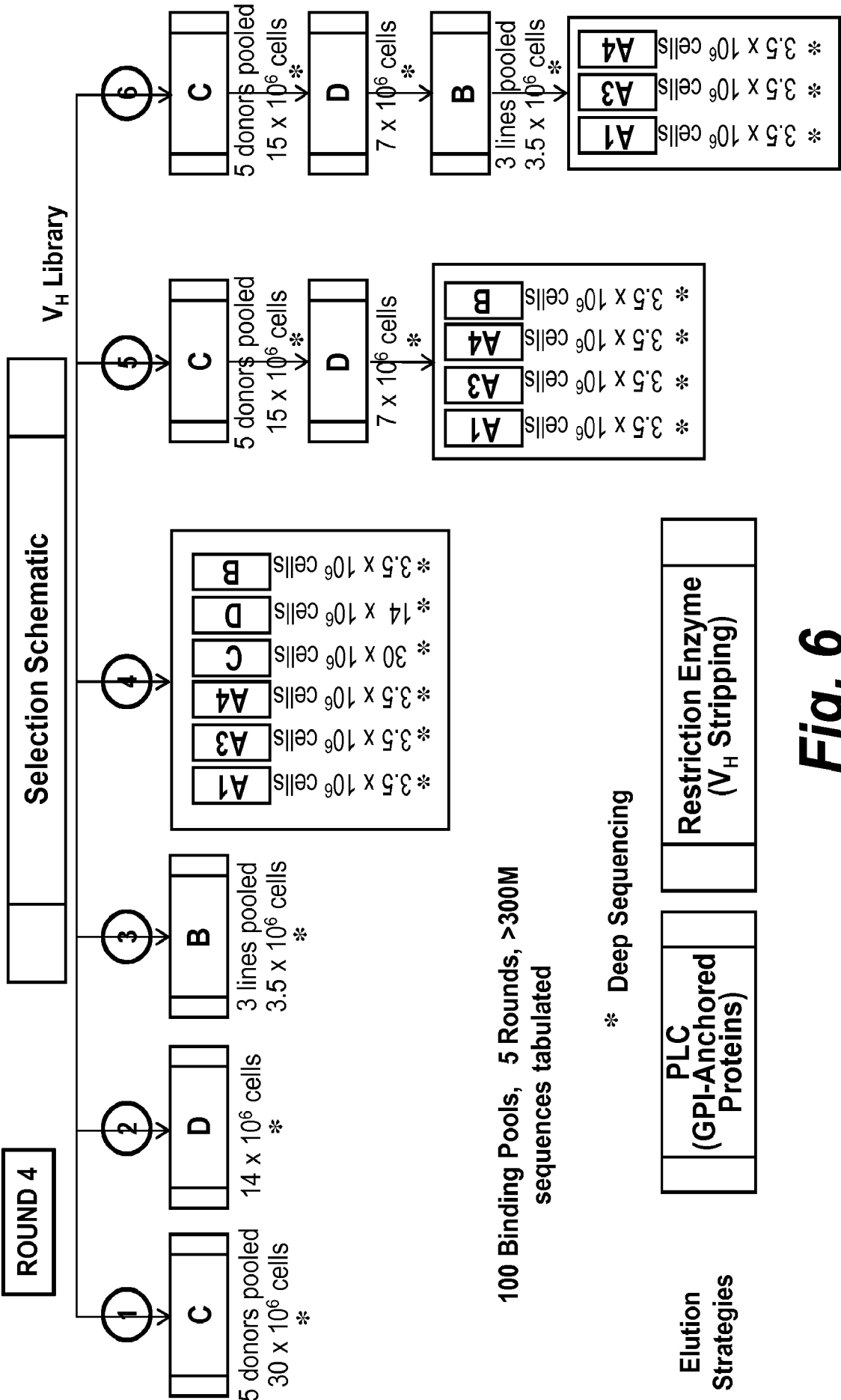
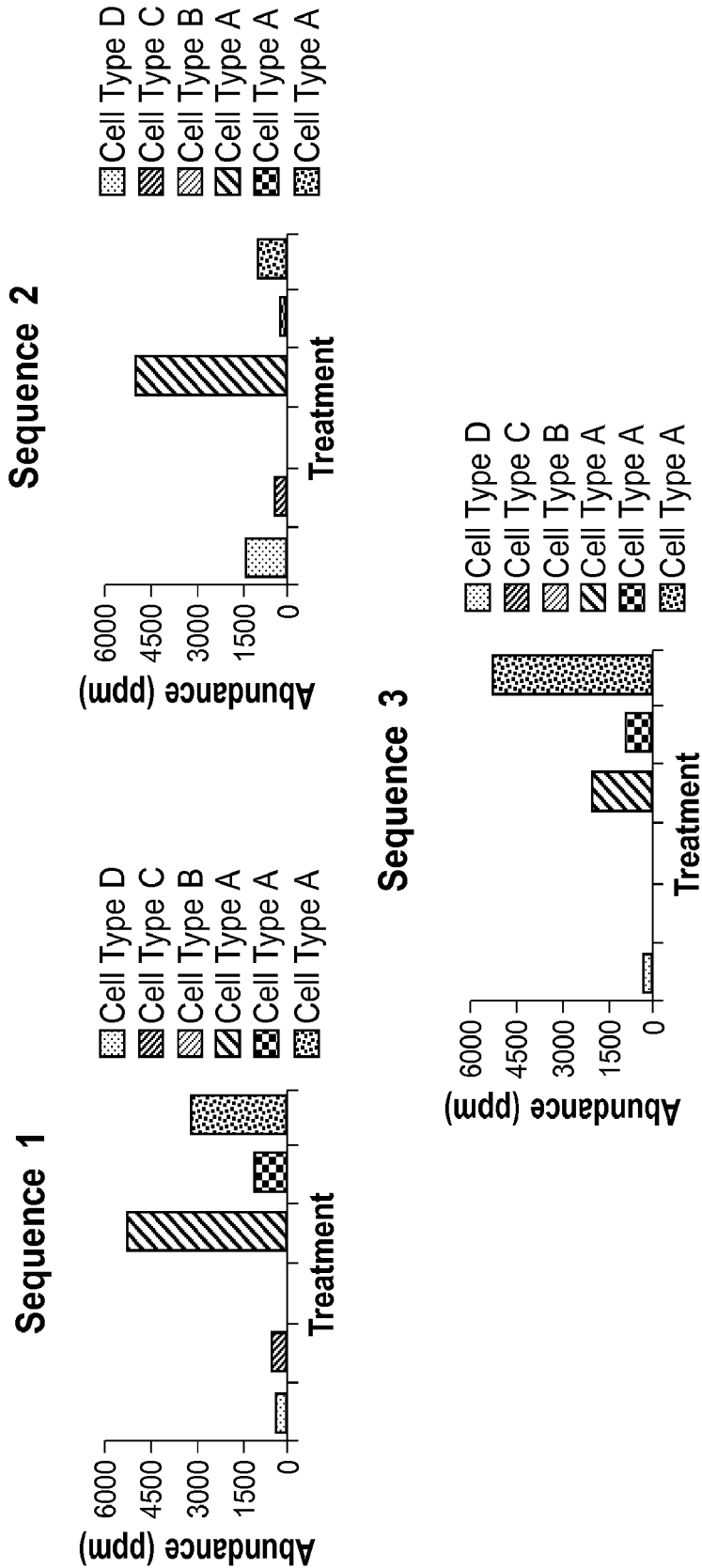


Fig. 6

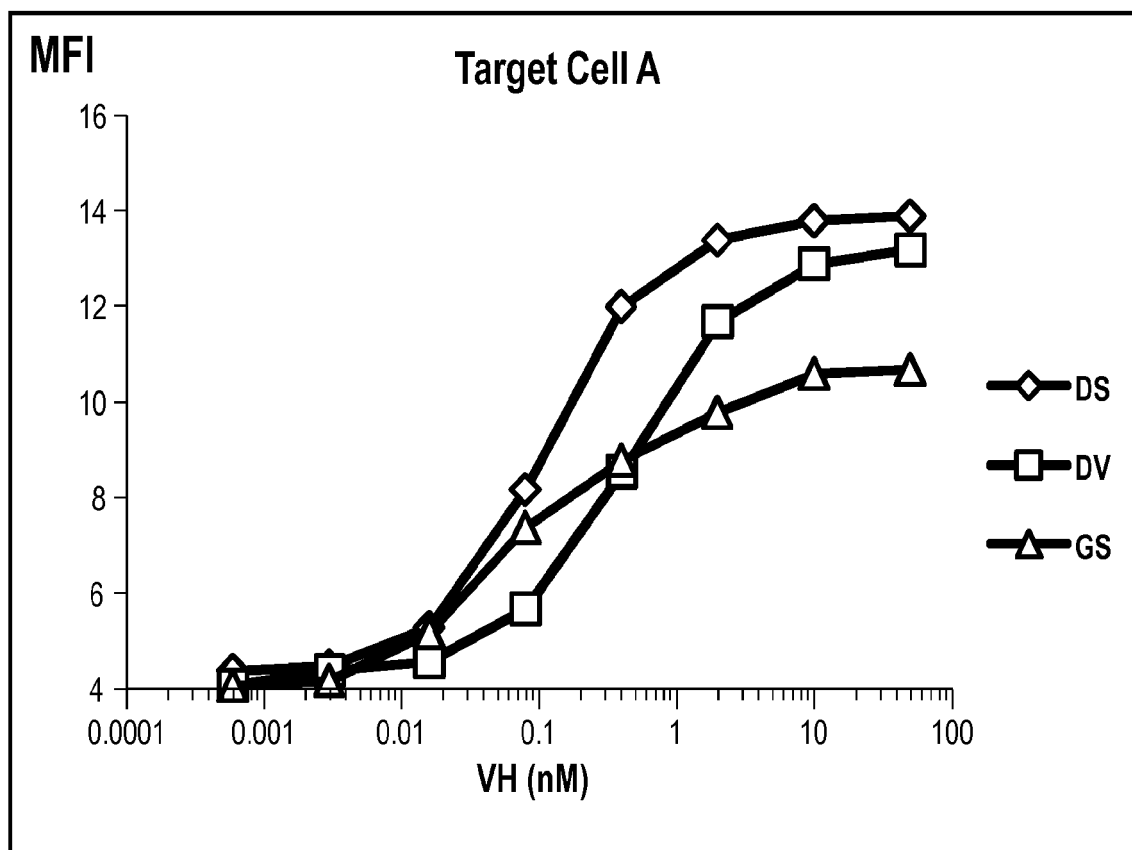
Deep Sequence Analysis Predicts Cell Binding Specificity of
Selected V_HS



These clones enrich through 4 rounds of selection and predict binding selectivity to Cell Type A

Fig. 7

High Affinity Binding of V_Hs to Cell Type A



Clone	EC ₅₀ (pM)
DS	110
DV	430
GS	85

Fig. 8

**Selections Yielded Specific Binders to Each
Closely Related Cell Type**

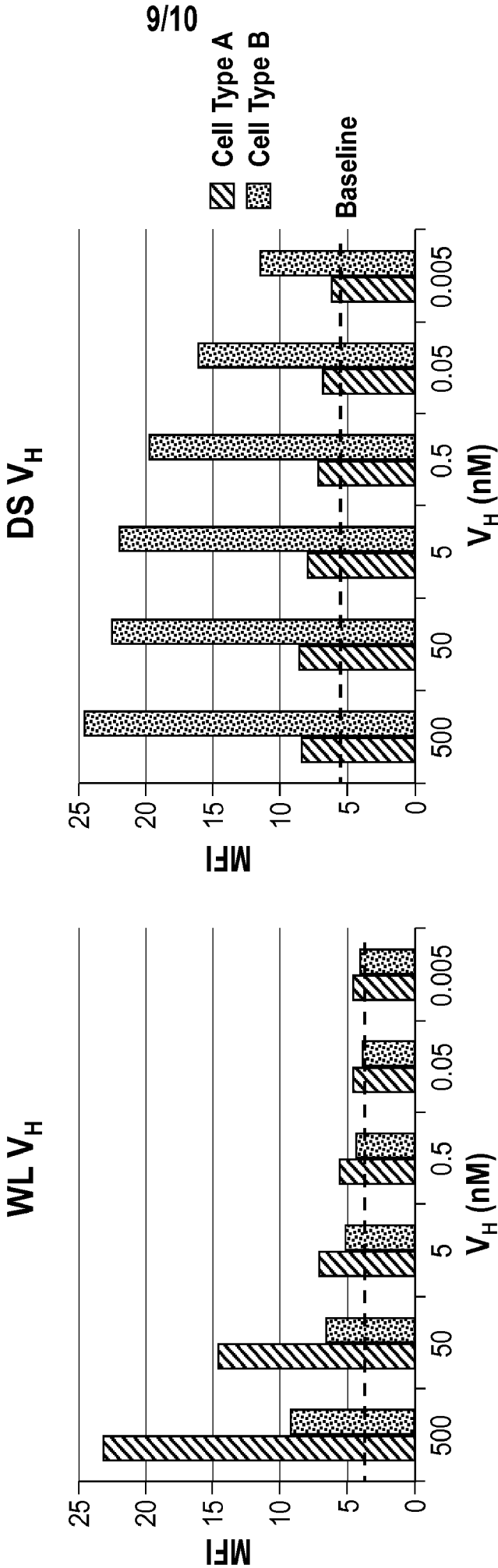


Fig. 9

Three Distinct V_{H^S} That Bind Selectively to Target Cell A, and not Control Cells B, C and D

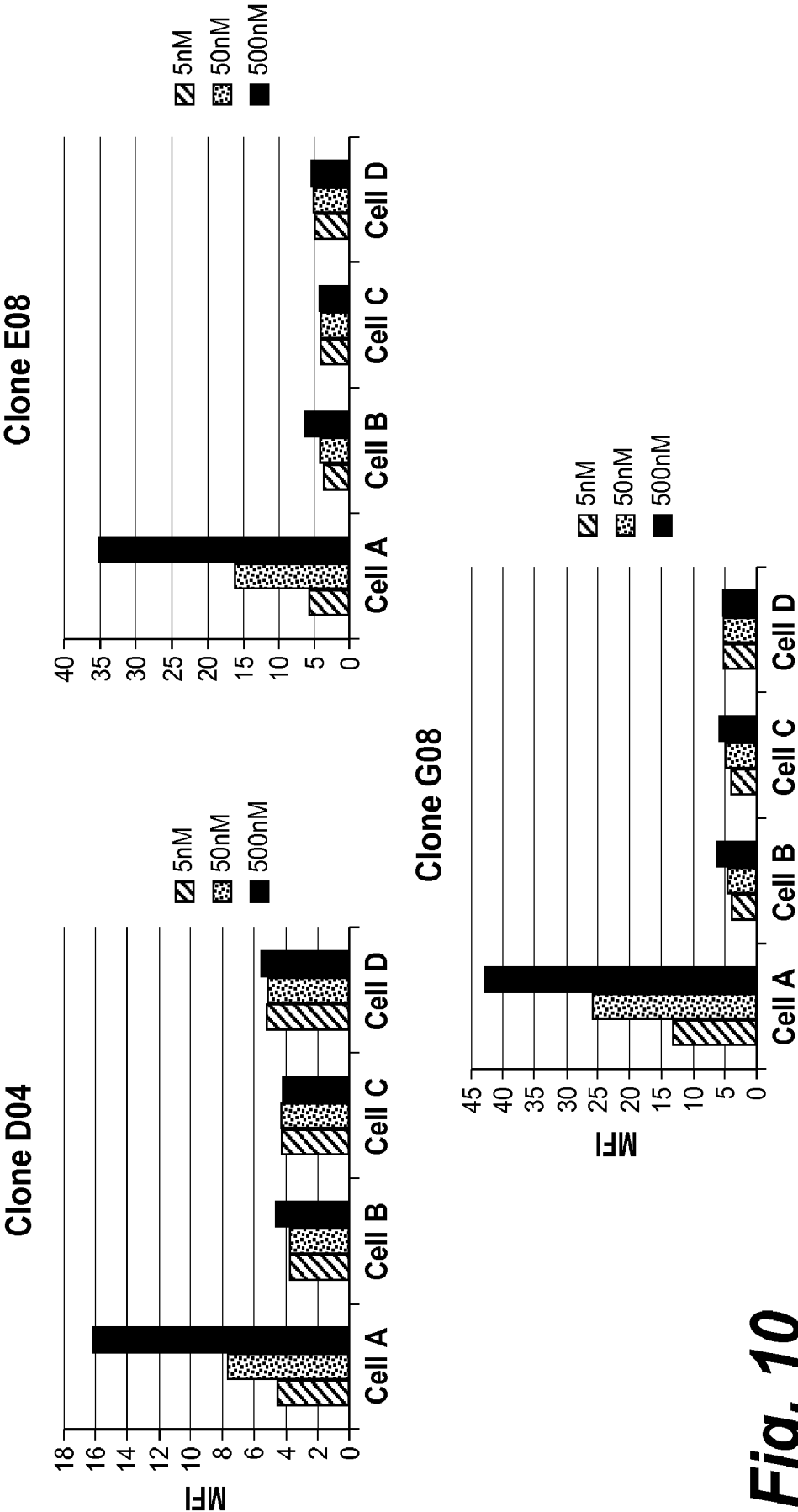


Fig. 10