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(54) Title: AFFINITY LIGANDS

(57) Abstract: Disclosed is an affinity matrix comprising a solid phase and an affinity ligand comprising peptide bonds coupled to this solid phase, wherein the affinity ligand comprising peptide bond is selected from the following group of ligands: a) peptides comprising the formula $X_1X_2X_3X_4$, wherein X_1 to X_4 are amino acid residues and at least two of X_1 to X_4 is W, Y or F; b) peptides comprising the formula $X_5X_6X_7X_8$, wherein X_5 to X_8 are amino acid residues, at least one of X_5 to X_8 is W, and at least one of X_5 to X_8 is E or D; and c) poly-amino acids consisting of an amino acid monomer of the group consisting of R, K, E and D and an amino acid monomer of the group consisting of Y, F and W, preferably poly-KY, poly-KF, poly-KW, poly-RY, poly-RF, poly-RW, poly-EY, poly-DY, poly-EF, poly-EW, poly-DF and poly-DW, with the proviso that the peptides according to a) and b) have a maximum length of 35 amino acid residues and that the poly-amino acids according to c) have a minimum length of 20 amino acid residues.

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