ABSTRACT

TARGET ANTIGEN DISCOVERY, PHENOTYPIC SCREENS AND USE THEREOF FOR IDENTIFICATION OF TARGET CELL SPECIFIC TARGET EPITOPES

The invention provides methods and compositions for identifying binding polypeptides (e.g., antibodies or antigen binding fragments thereof) that specifically binds to a cell-surface antigen. The methods of the invention generally comprise contacting a variegated nucleic acid-display library of binding polypeptides with a cell-surface antigen displayed on the exterior surface of a cell; and isolating from the library at least one library member that specifically binds to the cell-surface antigen on the exterior surface of the cell.

Figure for publication: None