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(54) Title: NUCLEIC ACIDS ENCODING ANCHOR MODIFIED ANTIBODIES AND USES THEREOF

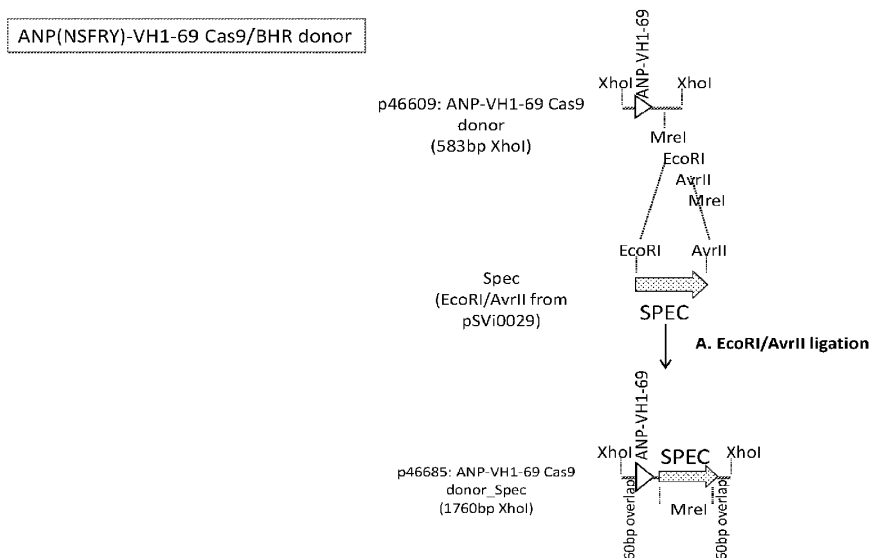


Figure 1

(57) Abstract: Described herein are anchor-modified immunoglobulin polypeptides, wherein the anchor moors the immunoglobulin polypeptide to a receptor of interest. The anchor-modified immunoglobulin polypeptides are generally characterized at the N-terminus with an anchor, e.g., the receptor binding portion of a ligand that binds a receptor. Non-human animals genetically modified with recombinant immunoglobulin segments that encode the anchor-modified immunoglobulin polypeptides are capable of making the anchor-modified immunoglobulin polypeptides. Such non-human animals also provided, along with methods and compositions for making and using the non-human animals. Methods for producing anchor-modified immunoglobulins from non-human animals are also provided, as well as anchor-modified immunoglobulins generated therefrom.

[Continued on next page]

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- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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