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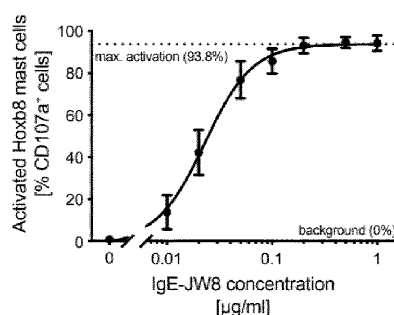
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## (54) Title: ASSAY

Figure 2  
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(57) Abstract: A method for producing non-human conditionally immortalized mast cell progenitors comprises: introducing a nucleic acid molecule comprising an inducible homeobox gene into myeloid progenitor cells, wherein said myeloid progenitor cells are derived from a non-human animal and are engineered to express a heterologous high-affinity IgE receptor alpha subunit (FcεRIα); and selecting for cells which contain the nucleic acid molecule. The non-human conditionally immortalized mast cell progenitors may be cultured to obtain differentiated mast cells. The mast cells find utility in assays for the determination of IgE mediated allergies.