S4 Fig: Clustal Omega alignment of hFcγRIIIA-V158, pFcγRIIIA, and rFcγRIIIA ECD fragments. An asterisk (*) indicates a fully conserved residue, a colon (:) indicates strong similarity between residues, and a period (.) indicates weakly similar properties between residues. Bold and underlined, contact interface of hFcγRIIIA-V158 with Fc region of hIgG1 [1], using alternate numbering for hFcγRIIIA-V158 [2]. Contact interface amino acids conserved in rabbit and pig also bold and underlined. Note that Asp129 in hFcγRIIIB is Gly129 in hFcγRIIIA, rFcγRIIIA and pFcγRIIIA [2]. Bold, N-linked glycosylation sites reported in hFcγRIIIA.

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hFcγRIIIA-V158                          RTEDLPKAVVFLEPQWYRVLEKDSVTLKCQGAYSPEDNSTQ       41
rFcγRIIIA                               RAADVPKALVLLDPPWASVLKDDHVTLKCQGLHPAGDNTTQ       41
pFcγRIIIA                               HAEDPPKSVVILDPPWDRLLEKDSVTLKCQGAYPPRDDSTE       41
                                        :: * **::*:*:* *  :*:.* ******* :   *::*:

hFcγRIIIA-V158          WFHNESLISSQASSYFIDAATVDDSGEYRCQTNLSTLSDPVQLEVHIGWLLLQAPRWVFK       101
rFcγRIIIA               WLHNGSLLSSQAPAYTITAARAEDGGEYRCQTGLSSLSDPVQLHVHLGWLVLQAPRWVFQ       101
pFcγRIIIA               WRWNGTLISNKASSYSITDATVGNSGEYTCKTGLSAQSDPLRLEVYKGWLLLQAPRWVVQ       101
                        *  * :*:*.:* :* *  * . :.*** *:*.**: ***::*.*: ***:*******.:

hFcγRIIIA-V158          EEDPIHLRCHSWKNTALHKVTYLQNGKGRKYFHHNSDFYIPKATLKDSGSYFCRGLVGSK       161
rFcγRIIIA               EGEPIQLRCHSWKNNKLHKVTYLQNGRGLRYFHQNSDLHIPEATRNHSGSYFCRGLIGHH       161
pFcγRIIIA               EGESIRLRCHTWKNITIQKVQYFQNGMGKKFSHQNFEYHIPNATLKDGGSYFCRGIIKNY       161
                        * : *:****:***  ::** *:*** * :: *:* : :**:** :..*******::

hFcγRIIIA-V158          NVSSETVNITITQGLAVSTISSFFPPGYQ     190
rFcγRIIIA               NMSSETVTITVQGPANP-VISSSVLPWHQ     190
pFcγRIIIA               DLSSEPVKVTVQGSKSPSPILSFFLPWHQ     190
                        ::*** *.:*:        * * . * :*
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References

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