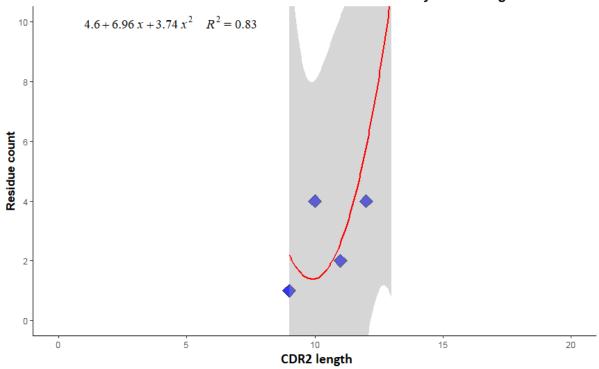
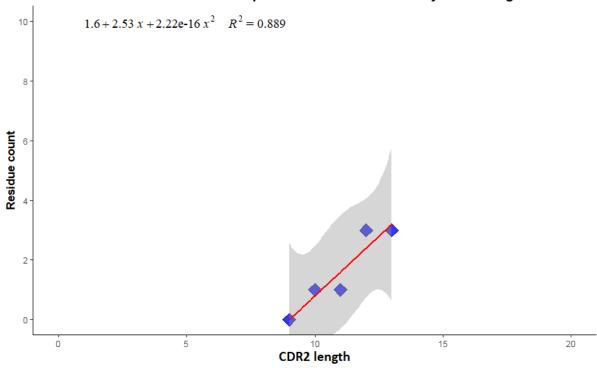
Supplement Figure 1

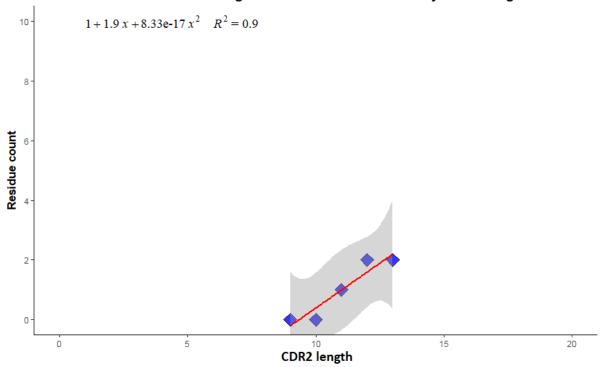
Correlation between alanine count and nanobody CDR2 length



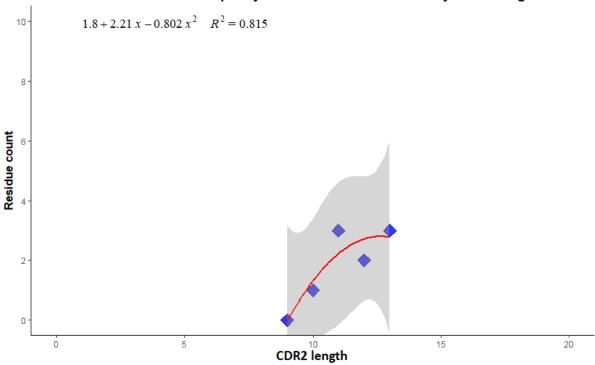
Correlation between aspartate count and nanobody CDR2 length



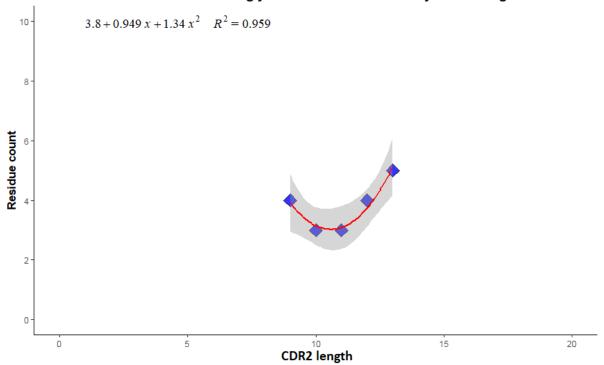
Correlation between glutamate count and nanobody CDR2 length



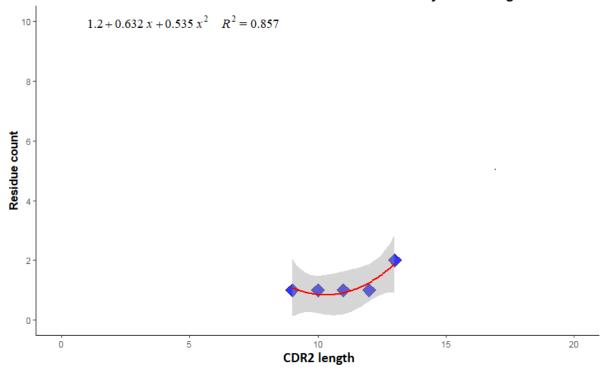
Correlation between phenylalanine count and nanobody CDR2 length



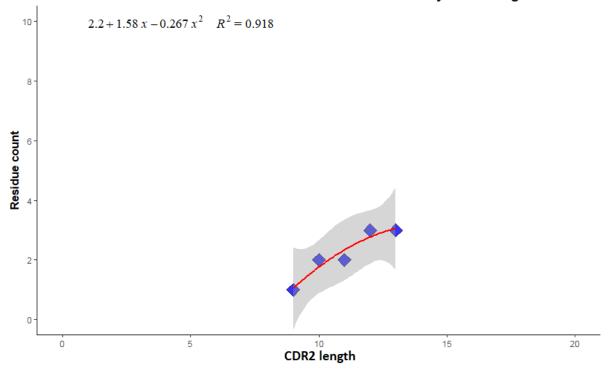
Correlation between glycine count and nanobody CDR2 length



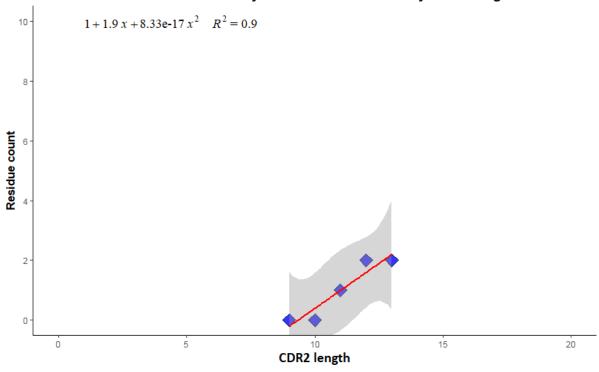
Correlation between histidine count and nanobody CDR2 length



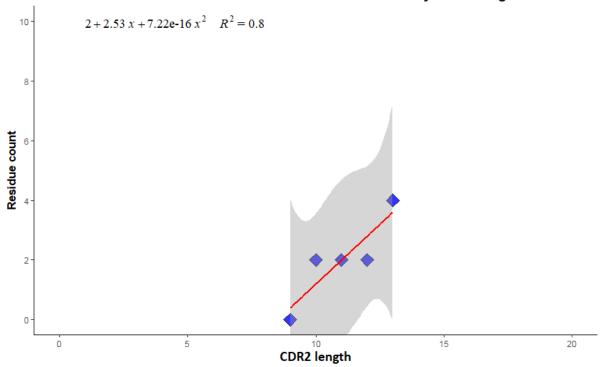
Correlation between isoleucine count and nanobody CDR2 length



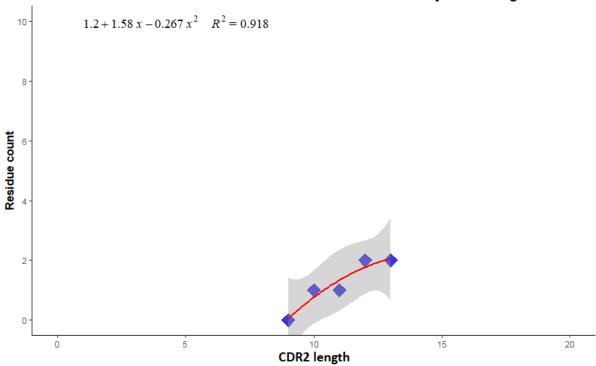
Correlation between lysine count and nanobody CDR2 length



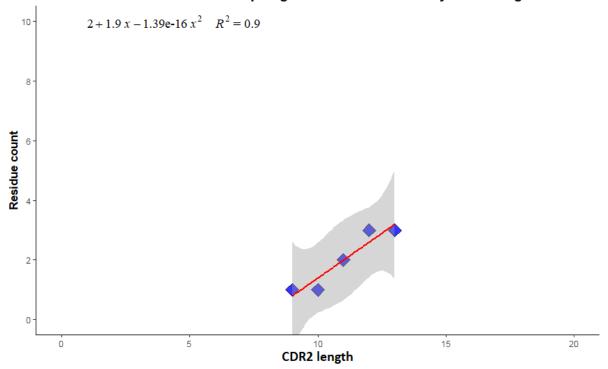
Correlation between leucine count and nanobody CDR2 length



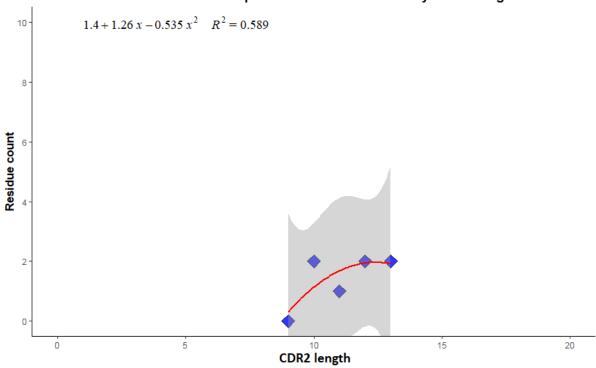
Correlation between methionine count and nanobody CDR2 length



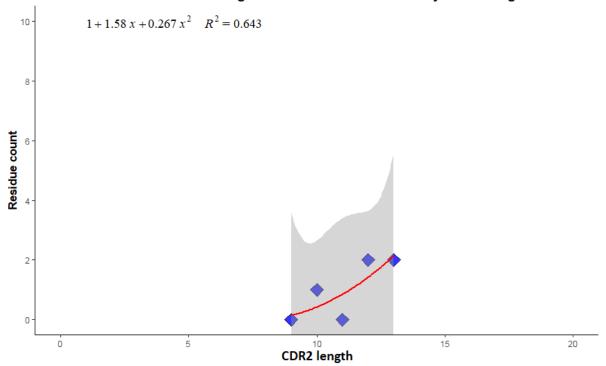
Correlation between asparagine count and nanobody CDR2 length



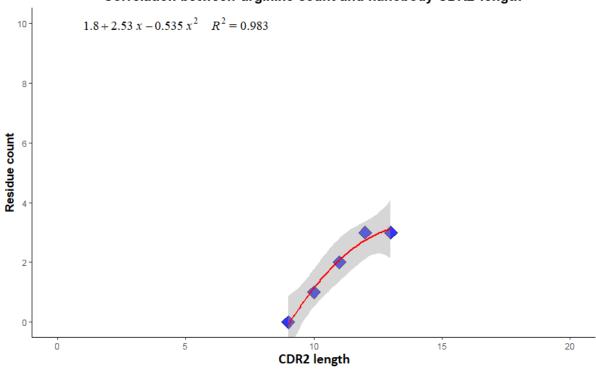
Correlation between proline count and nanobody CDR2 length



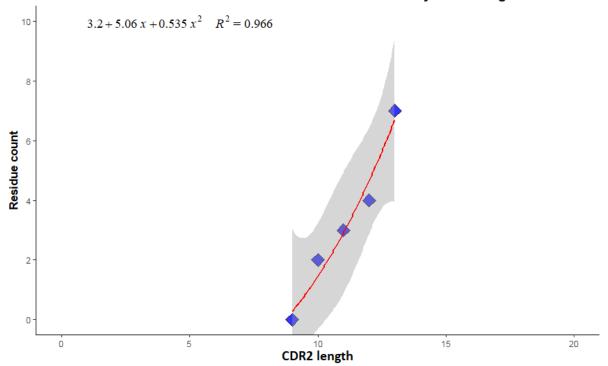
Correlation between glutamine count and nanobody CDR2 length



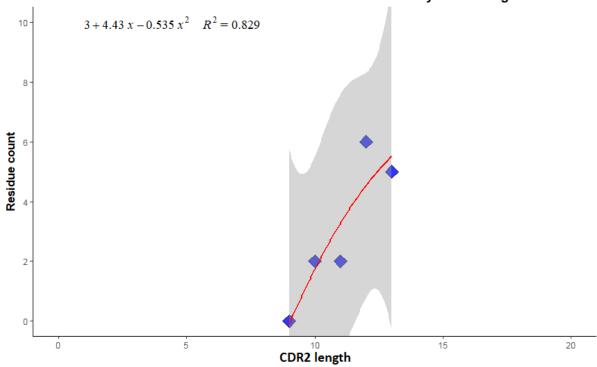
Correlation between arginine count and nanobody CDR2 length



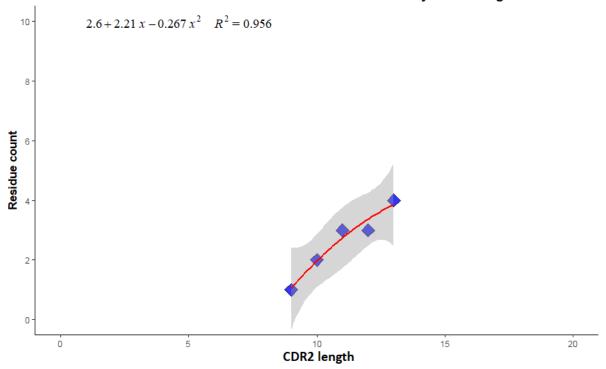
Correlation between serine count and nanobody CDR2 length



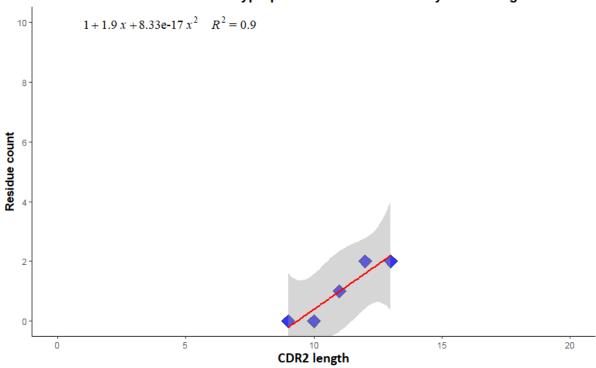
Correlation between theorine count and nanobody CDR2 length



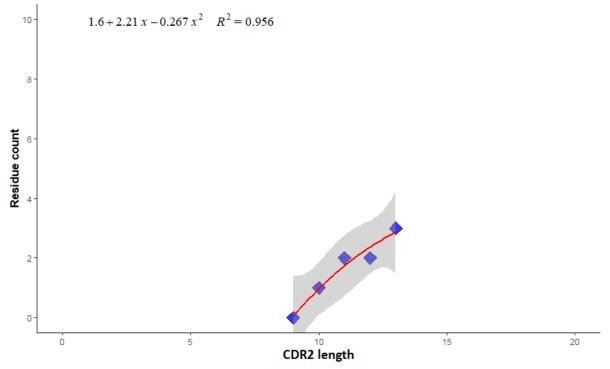
Correlation between valine count and nanobody CDR2 length



Correlation between tryptophan count and nanobody CDR2 length



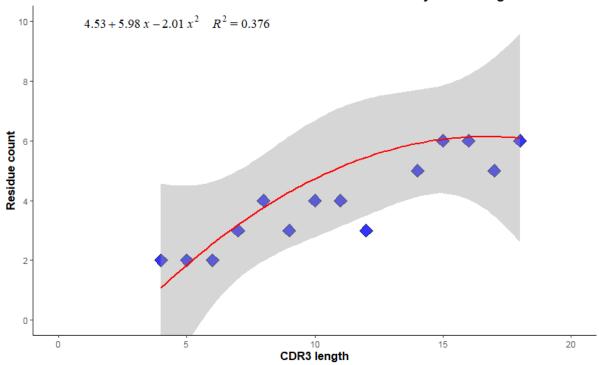
Correlation between tyrosine count and nanobody CDR2 length



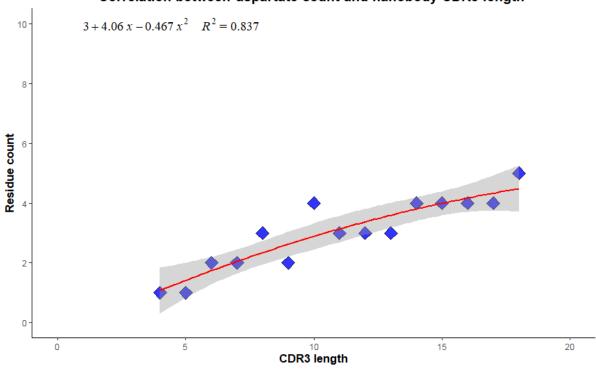
Supplement Figure 1. Correlation between the highest occurrence of amino acids and CDR2 lengths.

Supplement Figure 2

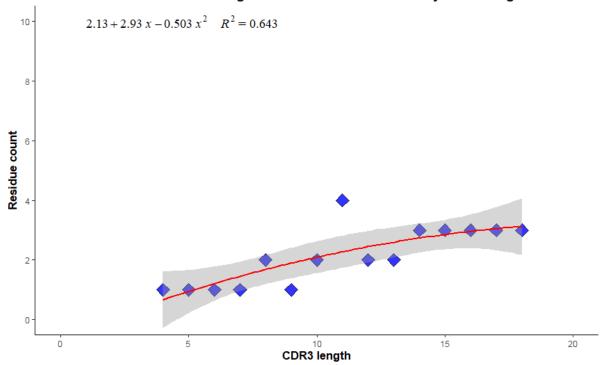
Correlation between alanine count and nanobody CDR3 length



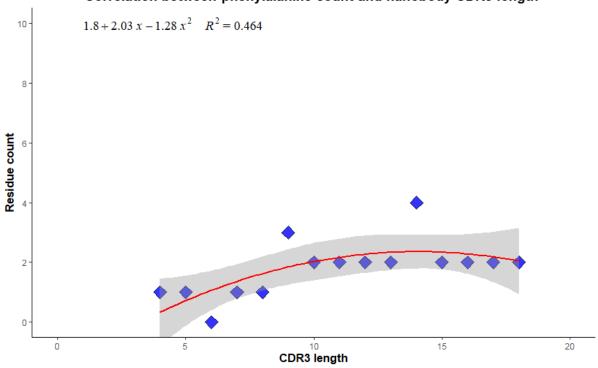
Correlation between aspartate count and nanobody CDR3 length



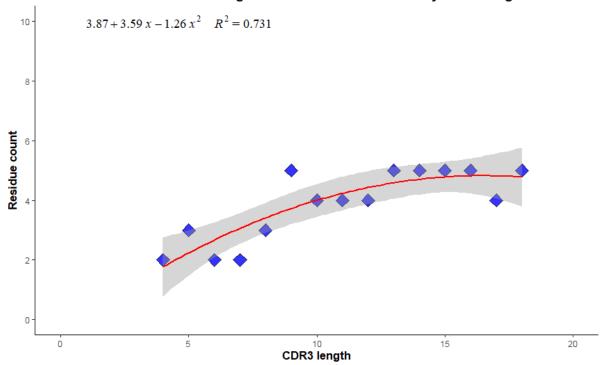
Correlation between glutamate count and nanobody CDR3 length



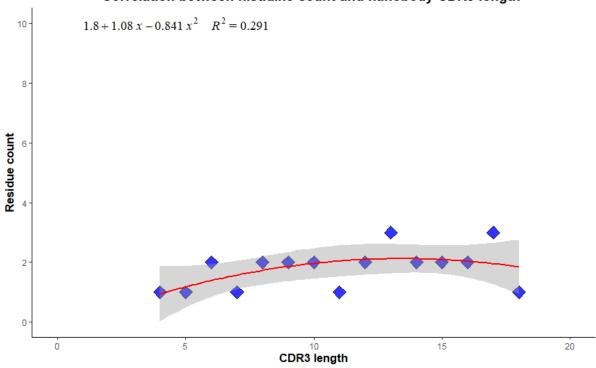
Correlation between phenylalanine count and nanobody CDR3 length



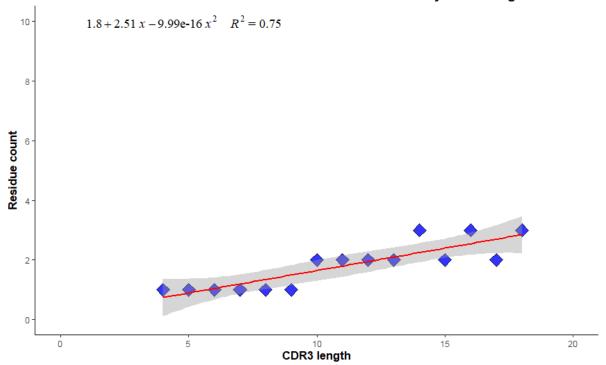
Correlation between glutamine count and nanobody CDR3 length



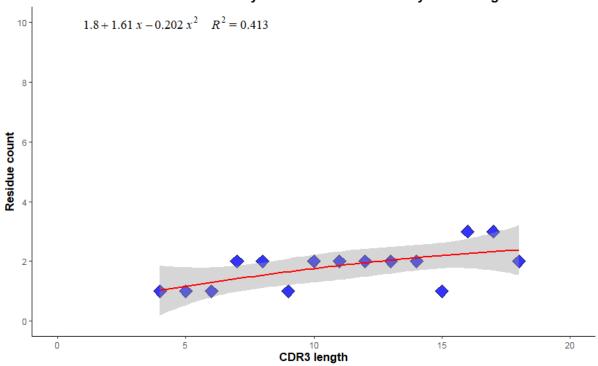
Correlation between histidine count and nanobody CDR3 length



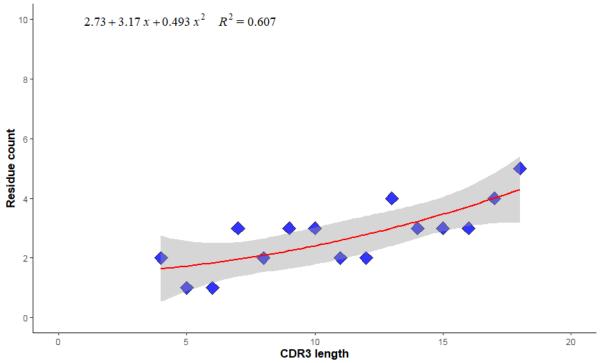
Correlation between isoleucine count and nanobody CDR3 length



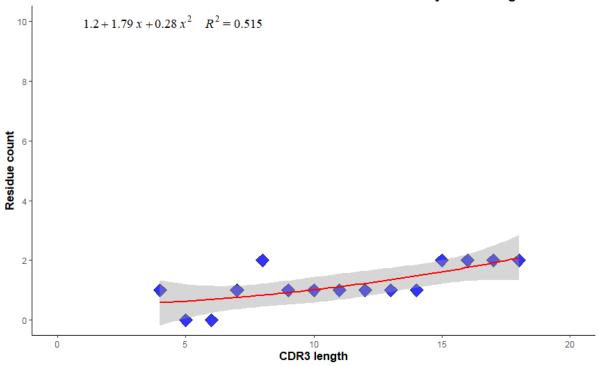
Correlation between lysine count and nanobody CDR3 length



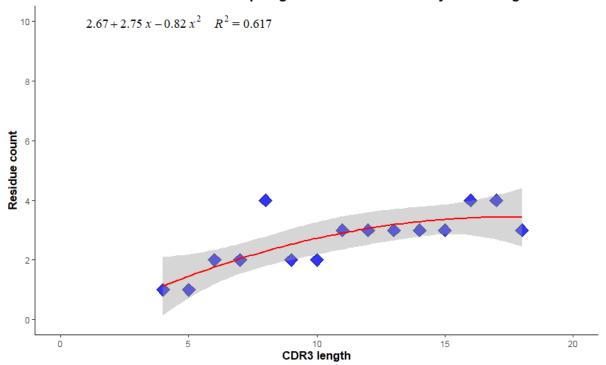
Correlation between leucine count and nanobody CDR3 length



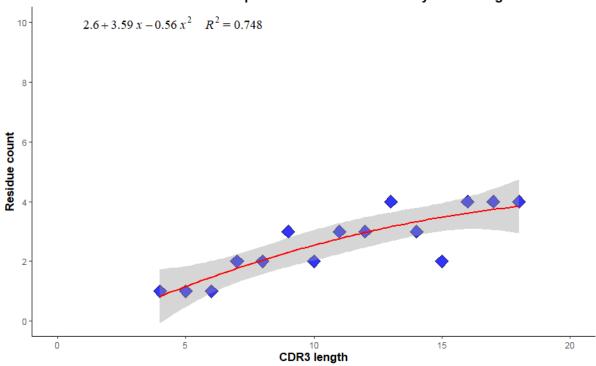
Correlation between methionine count and nanobody CDR3 length



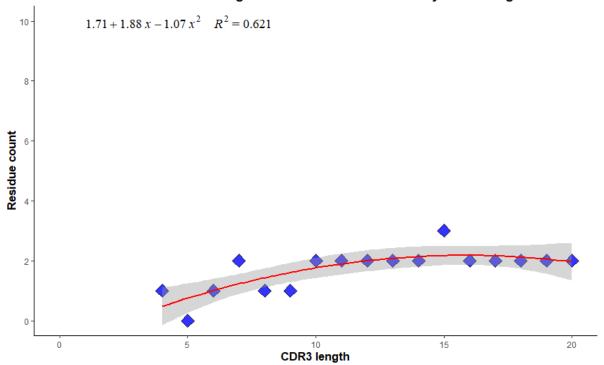
Correlation between asparagine count and nanobody CDR3 length



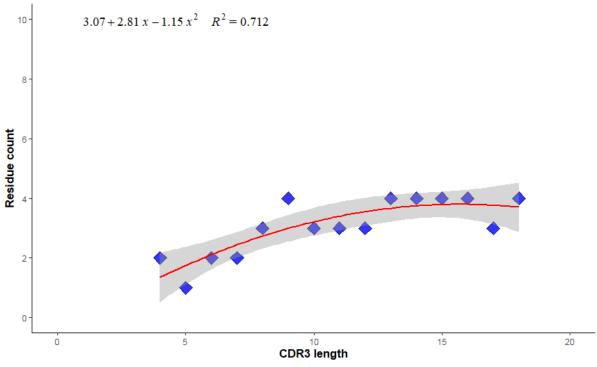
Correlation between proline count and nanobody CDR3 length



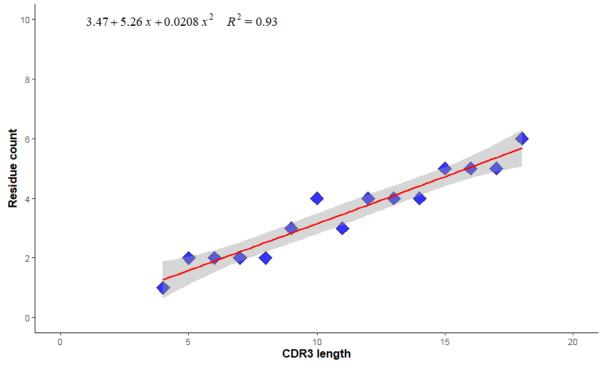
Correlation between glutamine count and nanobody CDR3 length



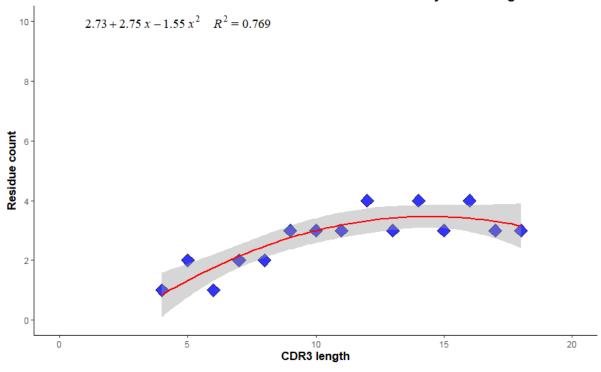
Correlation between arginine count and nanobody CDR3 length



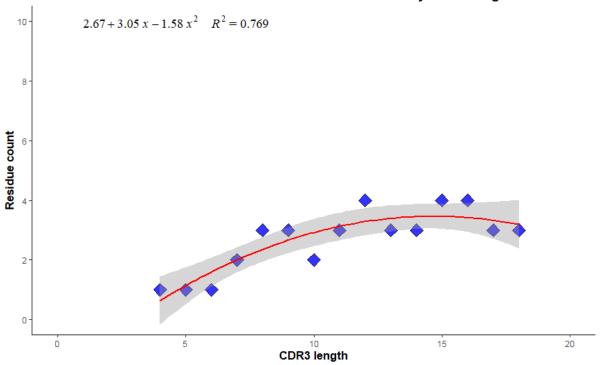
Correlation between serine count and nanobody CDR3 length



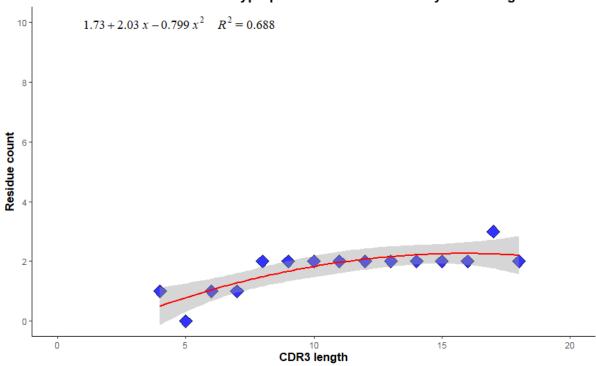
Correlation between threonine count and nanobody CDR3 length



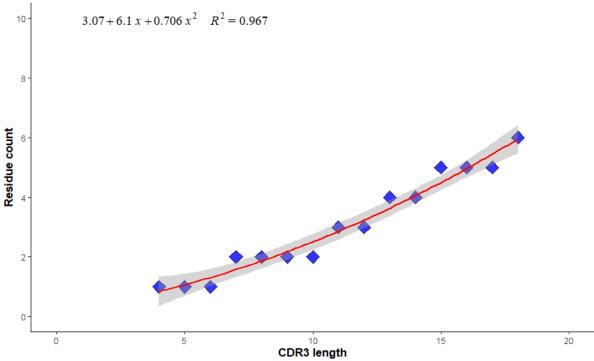
Correlation between valine count and nanobody CDR3 length



Correlation between tryptophan count and nanobody CDR3 length

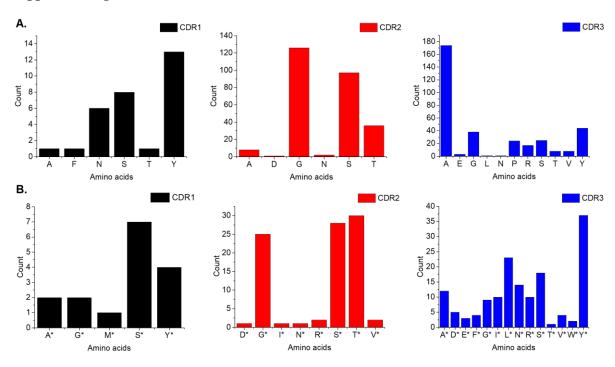






Supplement Figure 2. Correlation between the highest occurrence of amino acids and CDR3 lengths.

Supplement Figure 3



Supplement Figure 3. Occurrence of repeat motifs formed by corresponding amino acids in each CDR region. (A) poly amino acid repeats, (B) oligo repeats.