

1 ↘

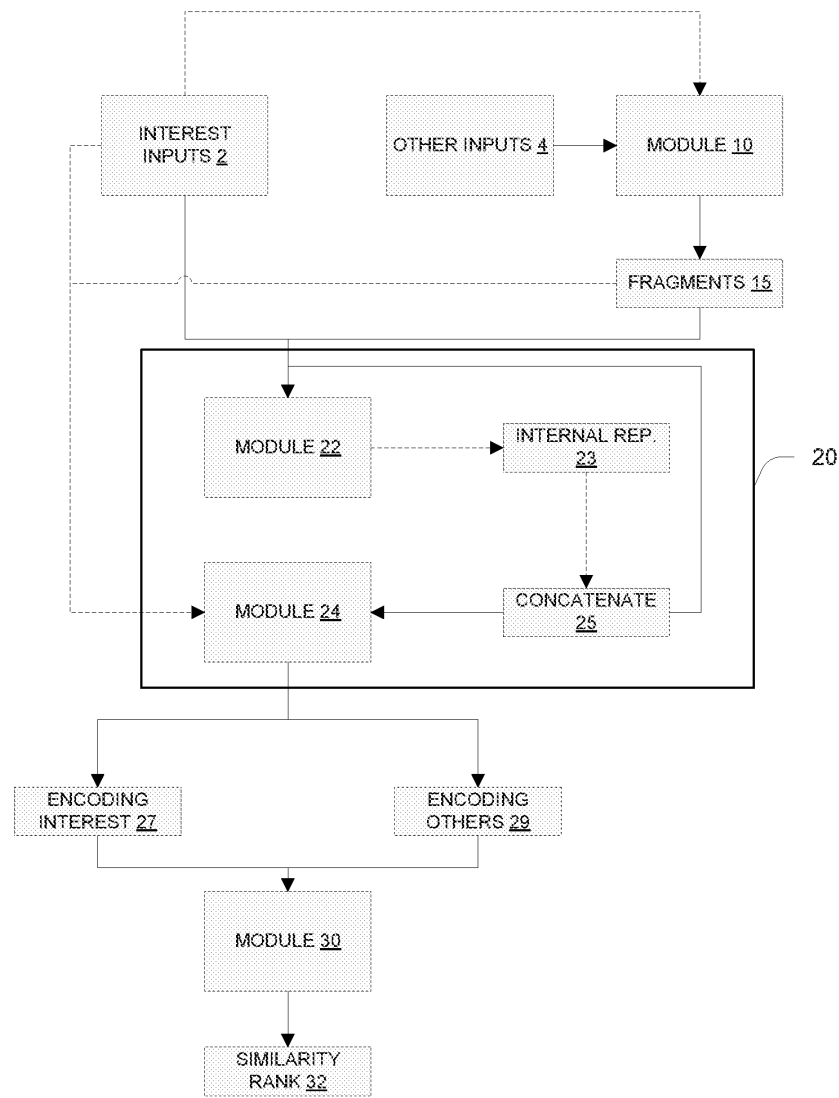
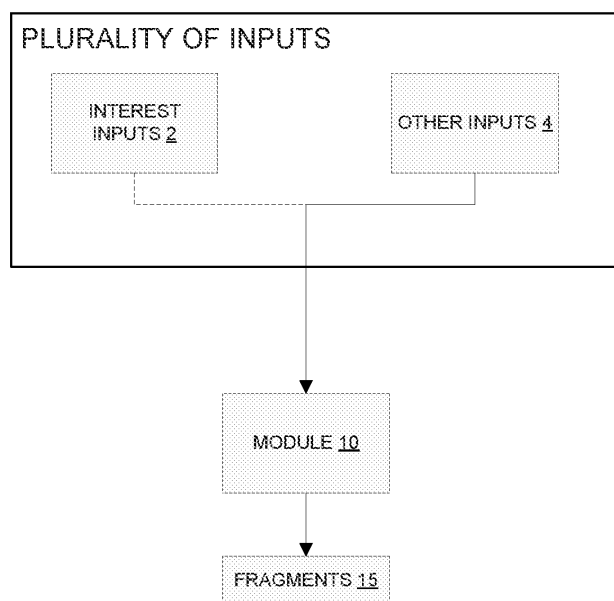
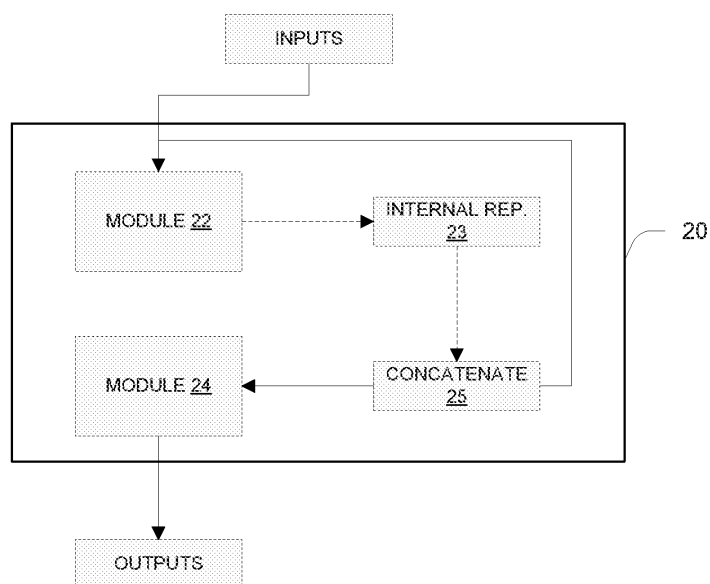
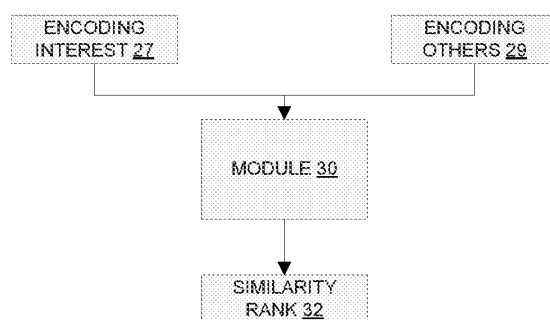


Figure 1

2/25

**Figure 2****Figure 3**

3/25

**Figure 4**

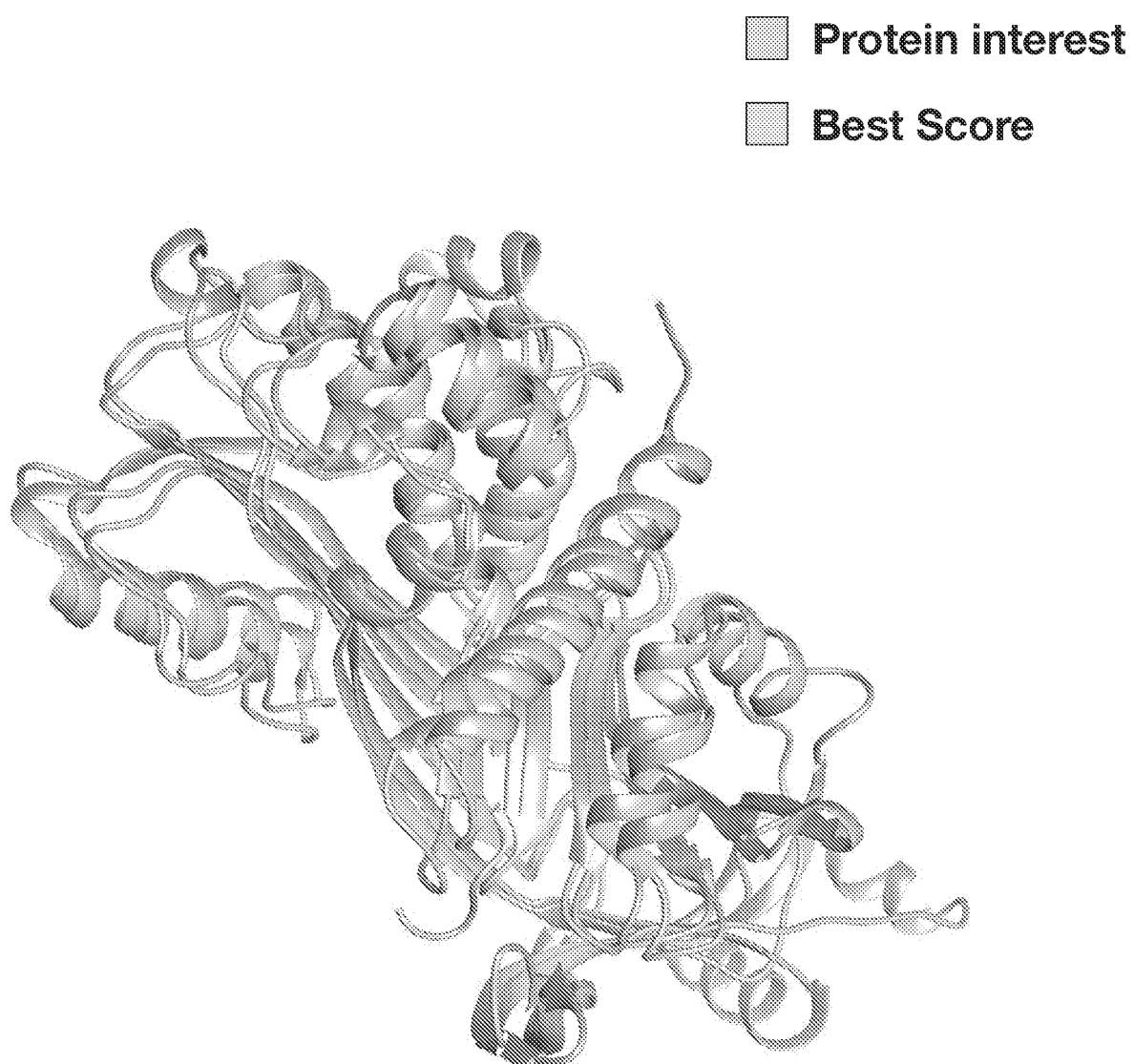


Figure 5

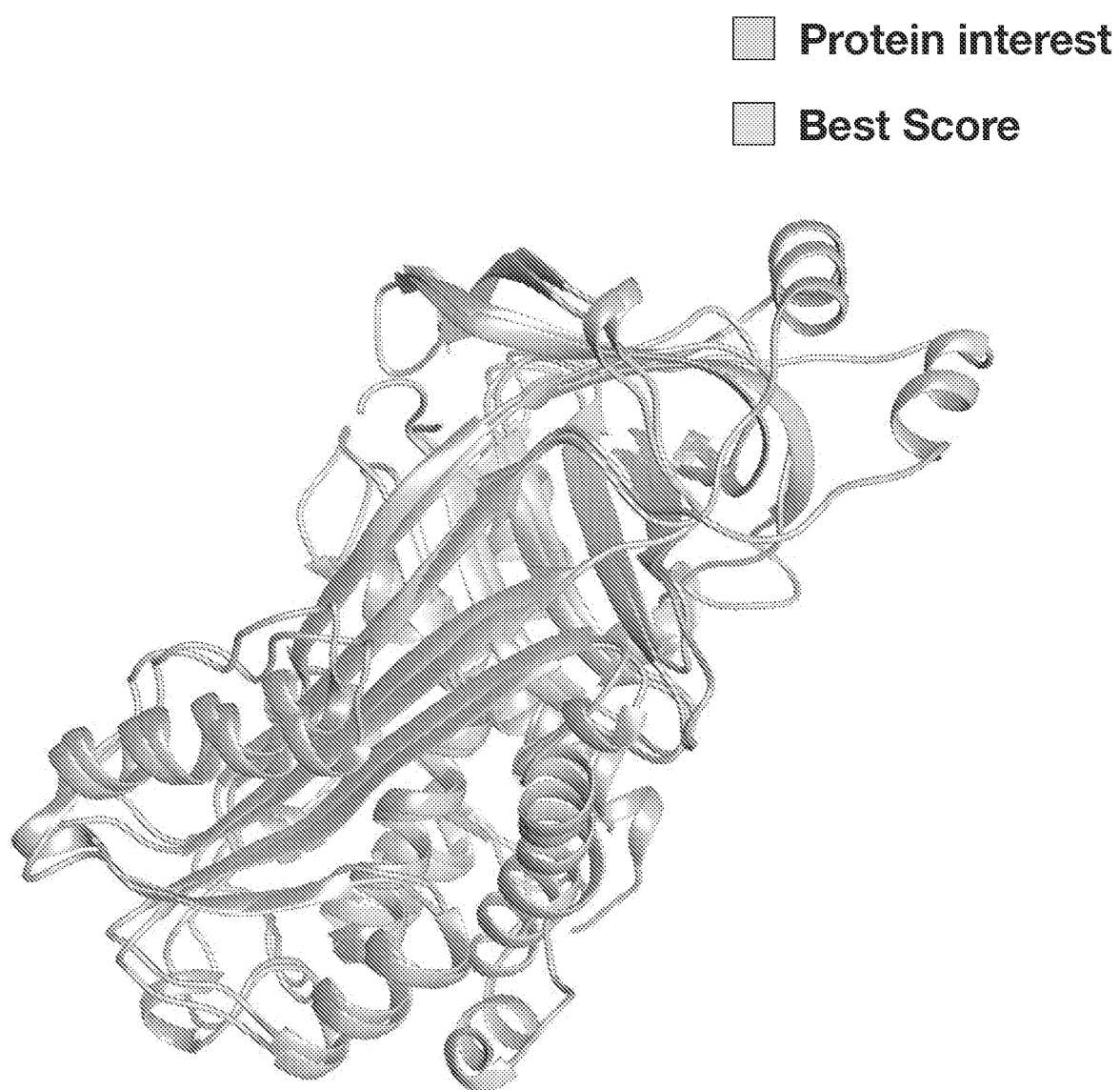


Figure 6

SUBSTITUTE SHEET (RULE 26)

Seq1: Protein interest

Seq2: Best Score

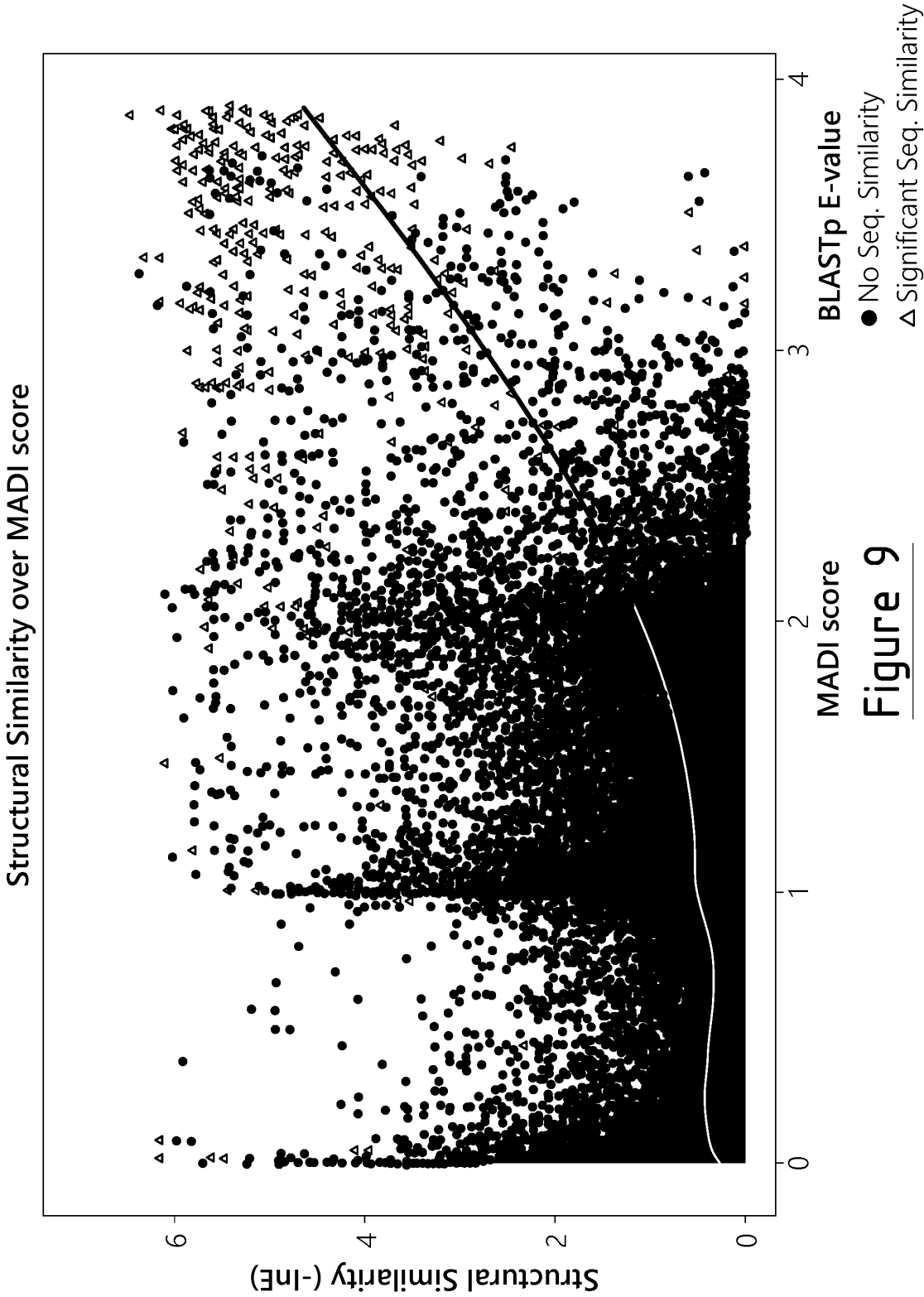
[illegible]

Figure 7

Query Cover	E Value	Per. Identity
93 %	5E-34	27.85%

**Alignment using blastp between
example sequences**

Figure 8



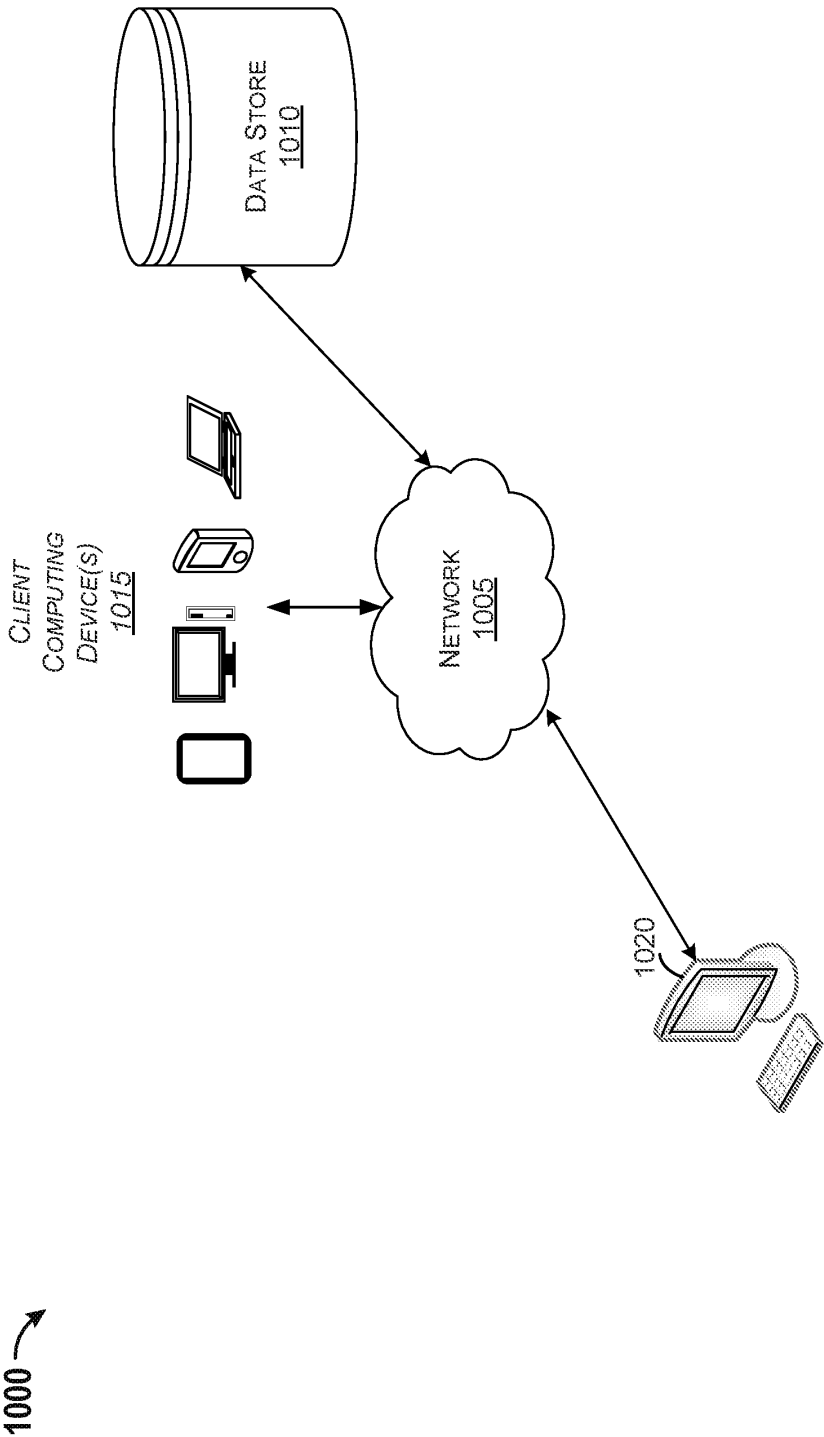


Figure 10A

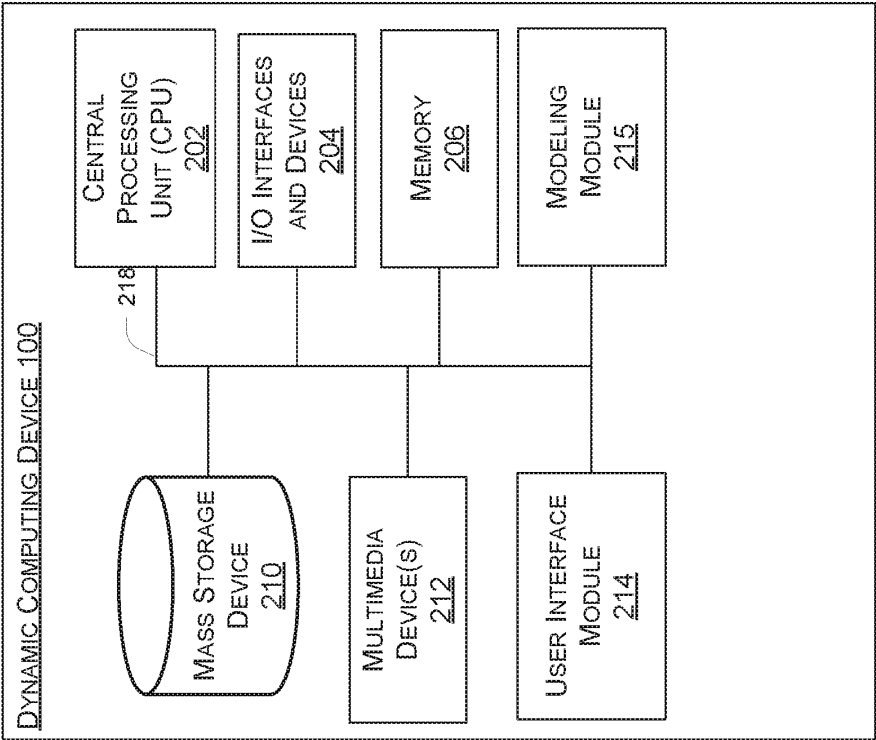


Figure 10B

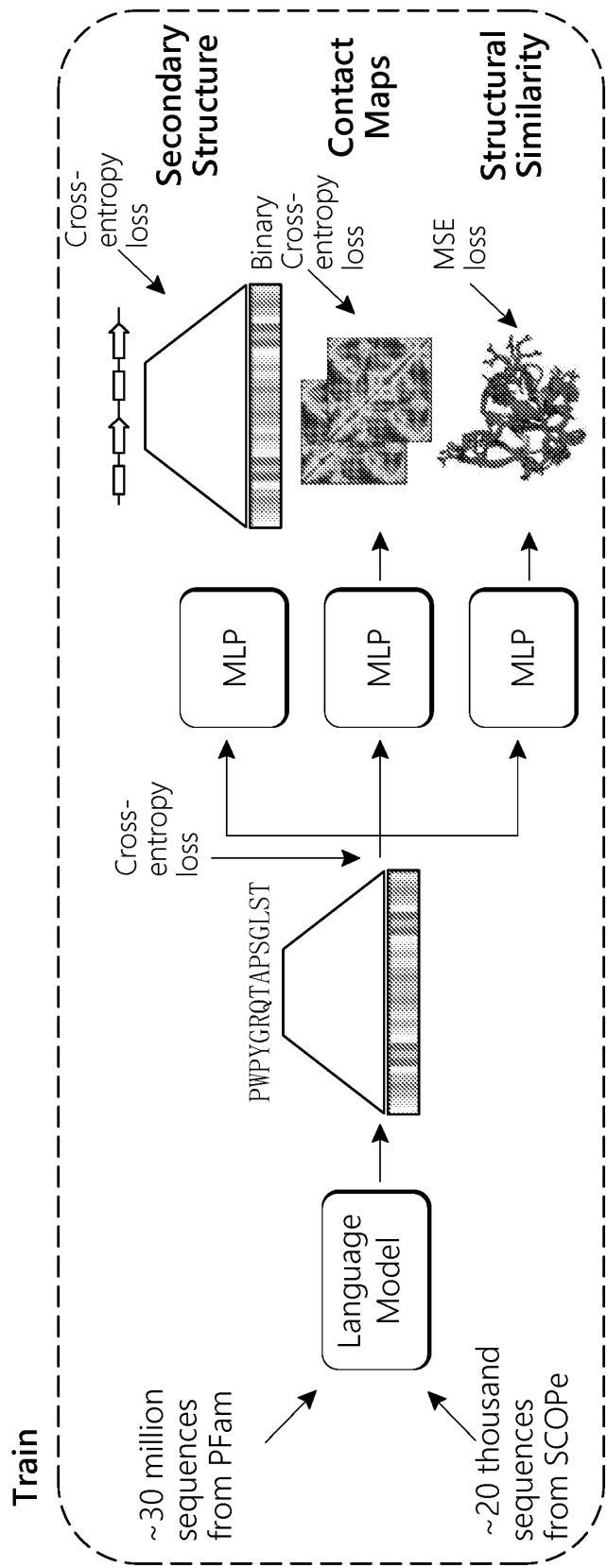


Figure 11

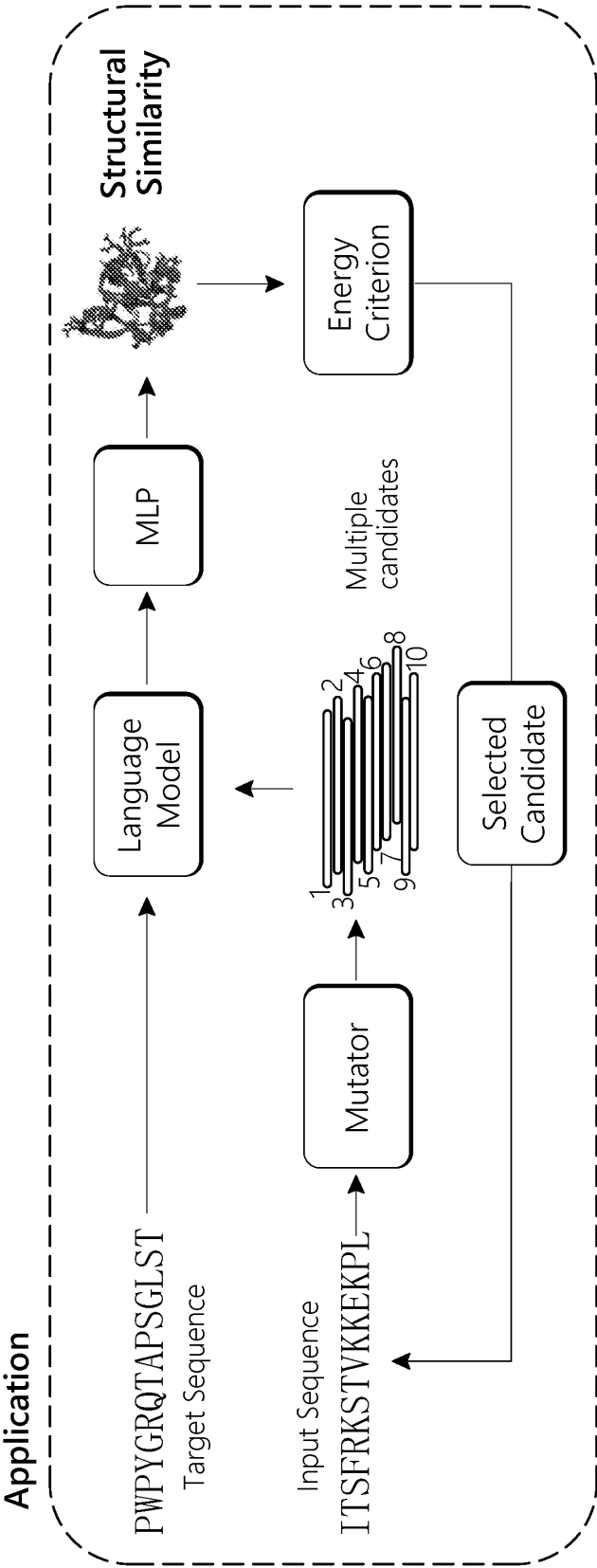


Figure 12

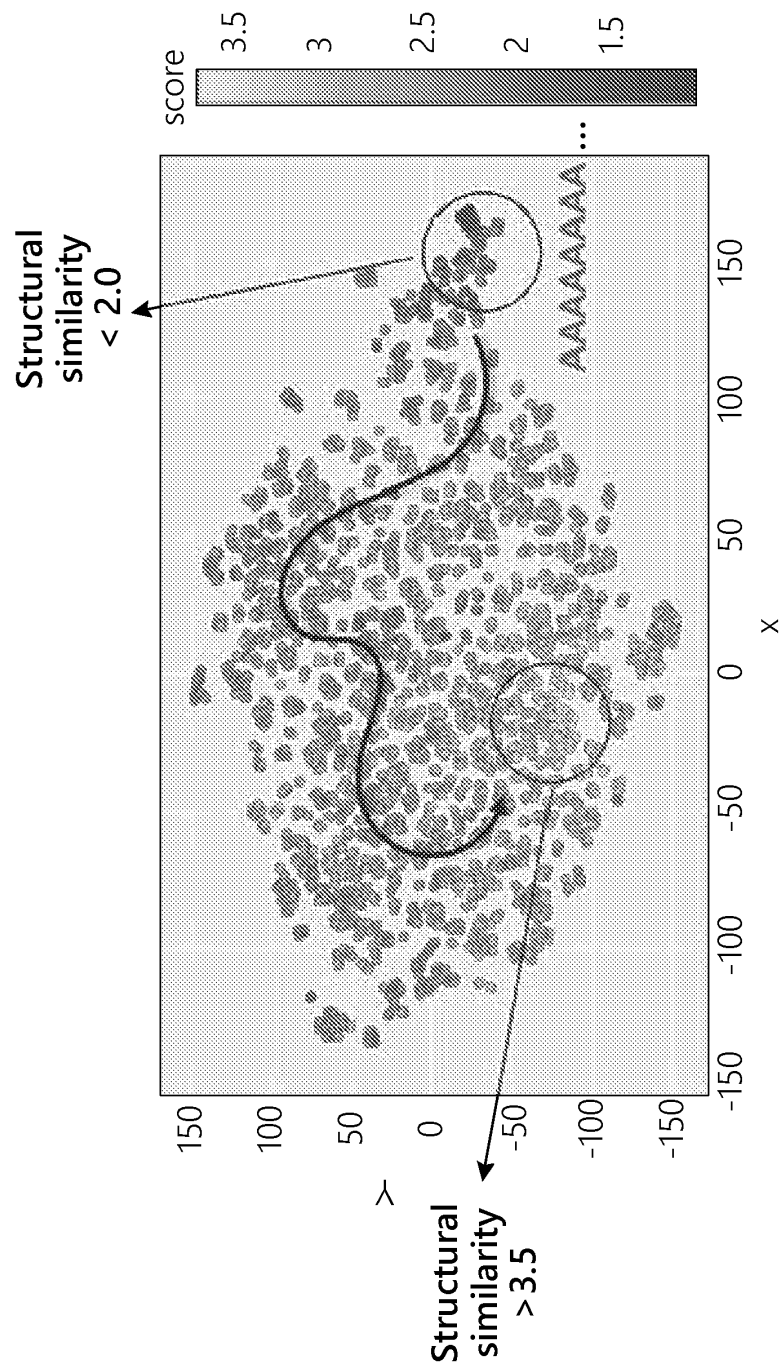


Figure 13A

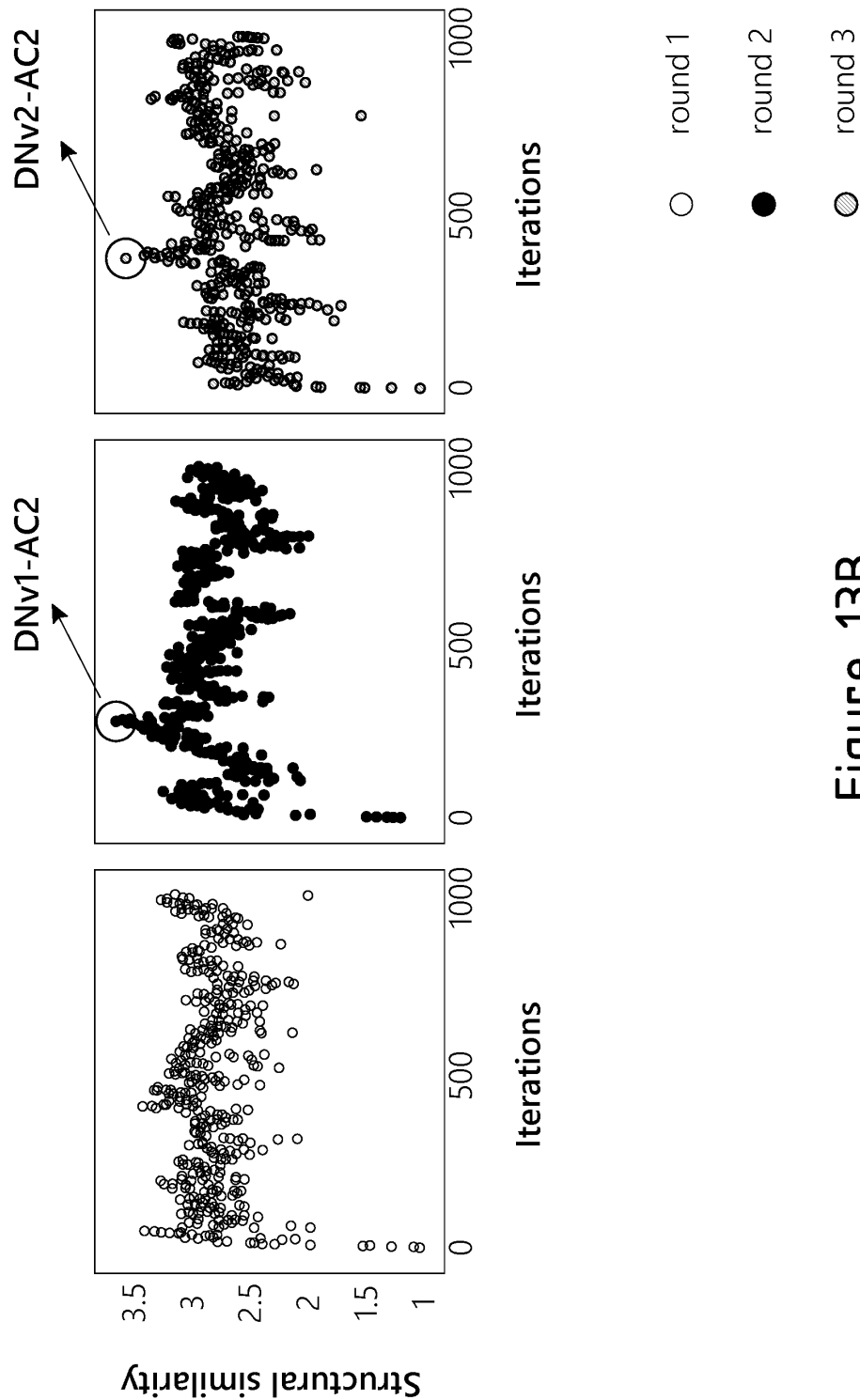


Figure 13B

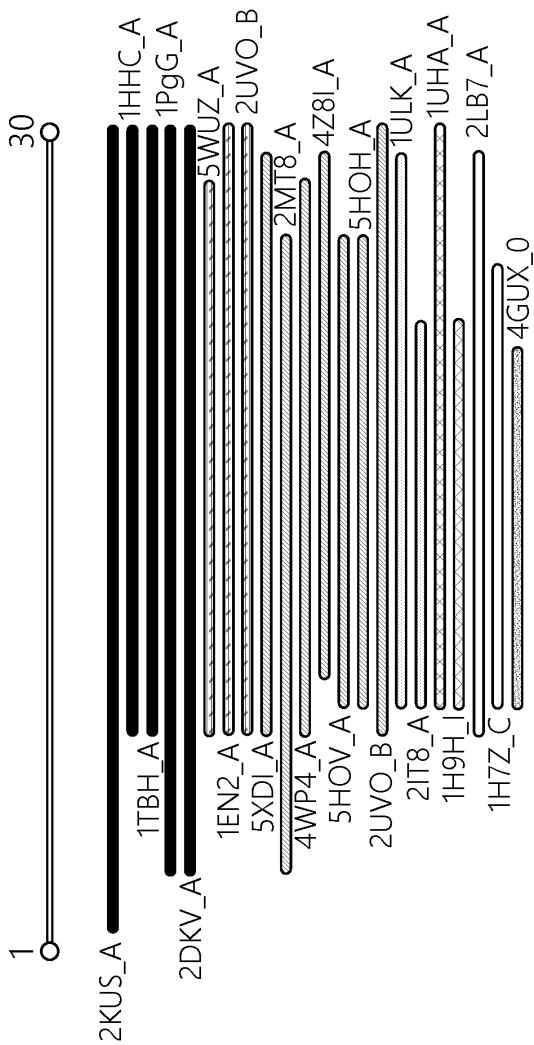


Figure 13C

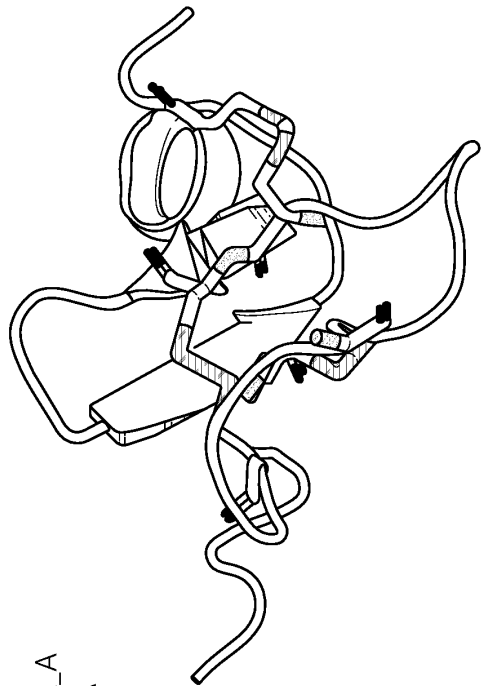


Figure 13D

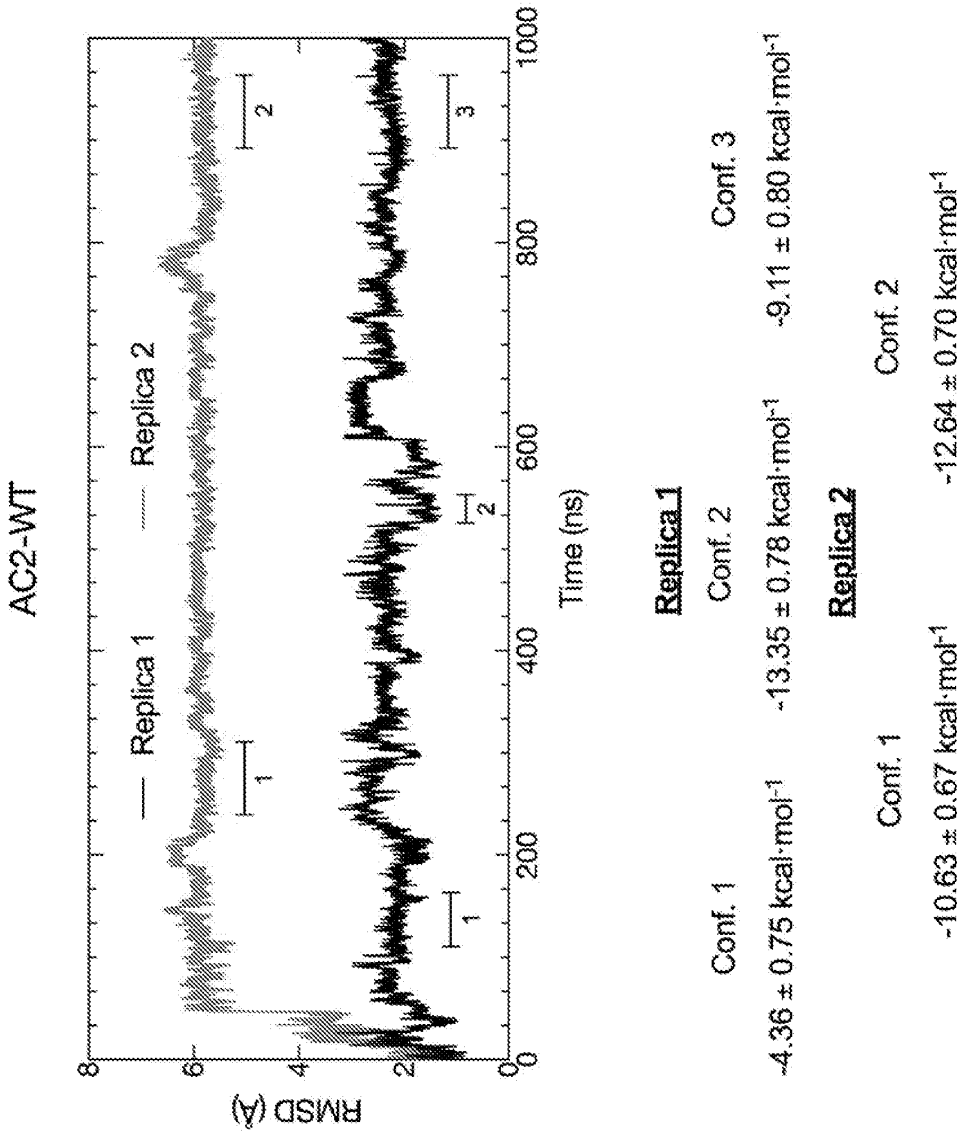


Figure 14

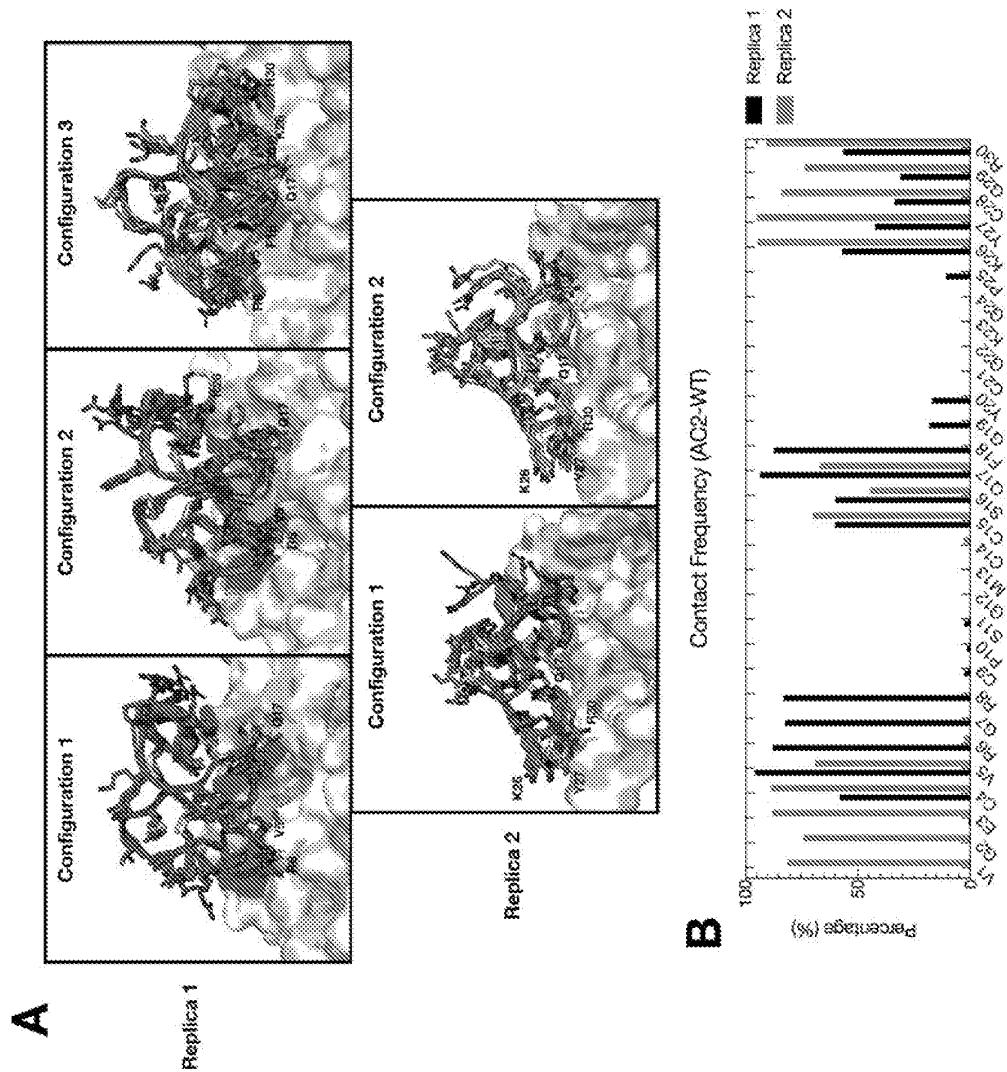


Figure 15

18/25

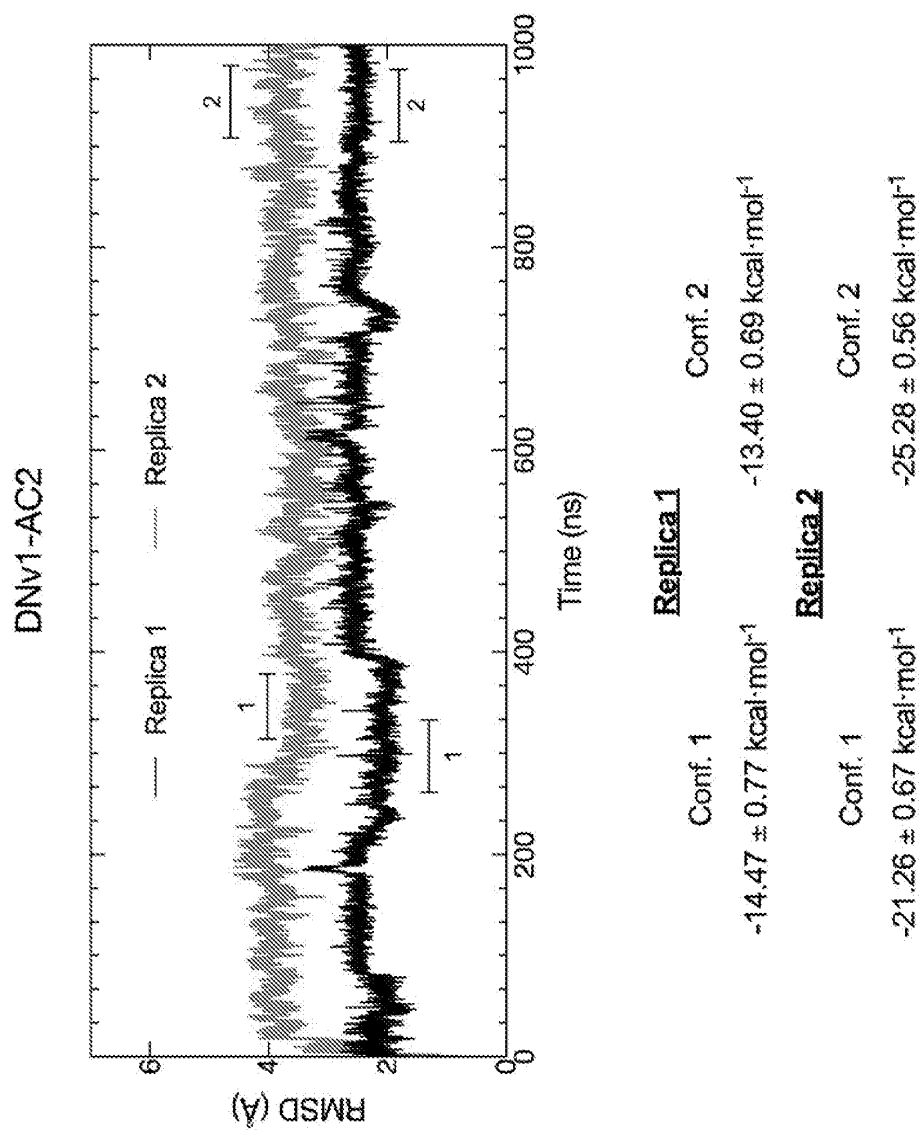


Figure 16

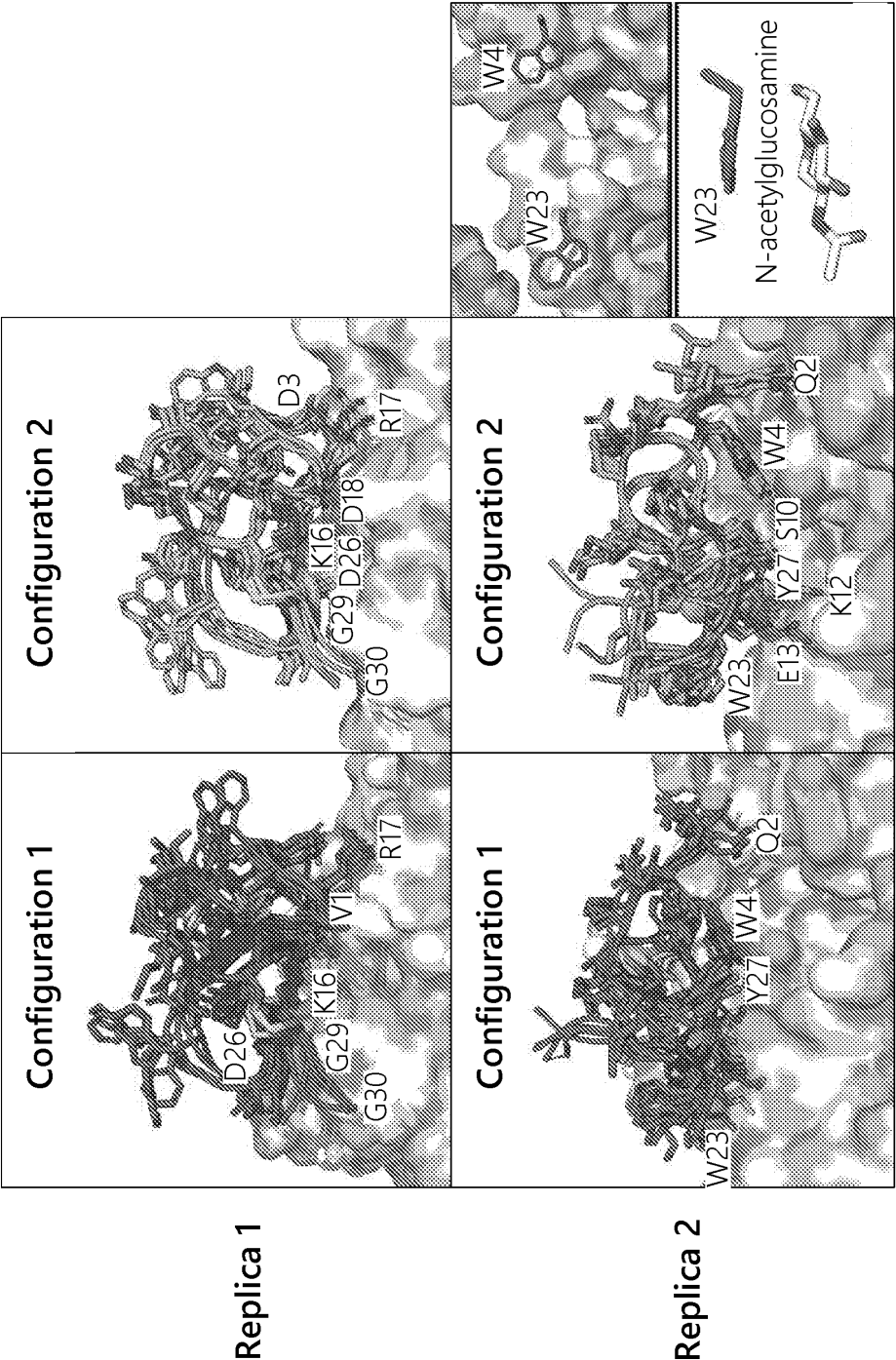


Figure 17A

Contact Frequency (DNv1-AC2)

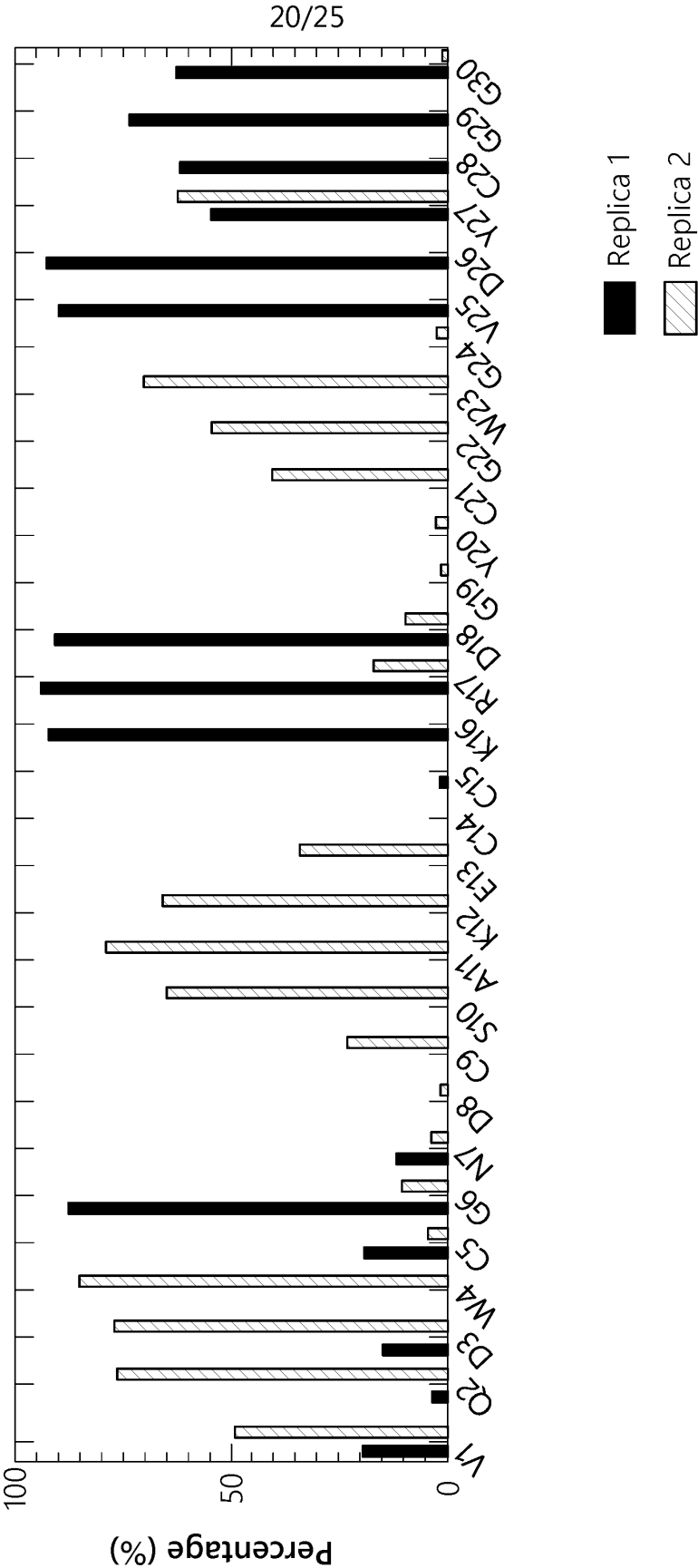


Figure 17B

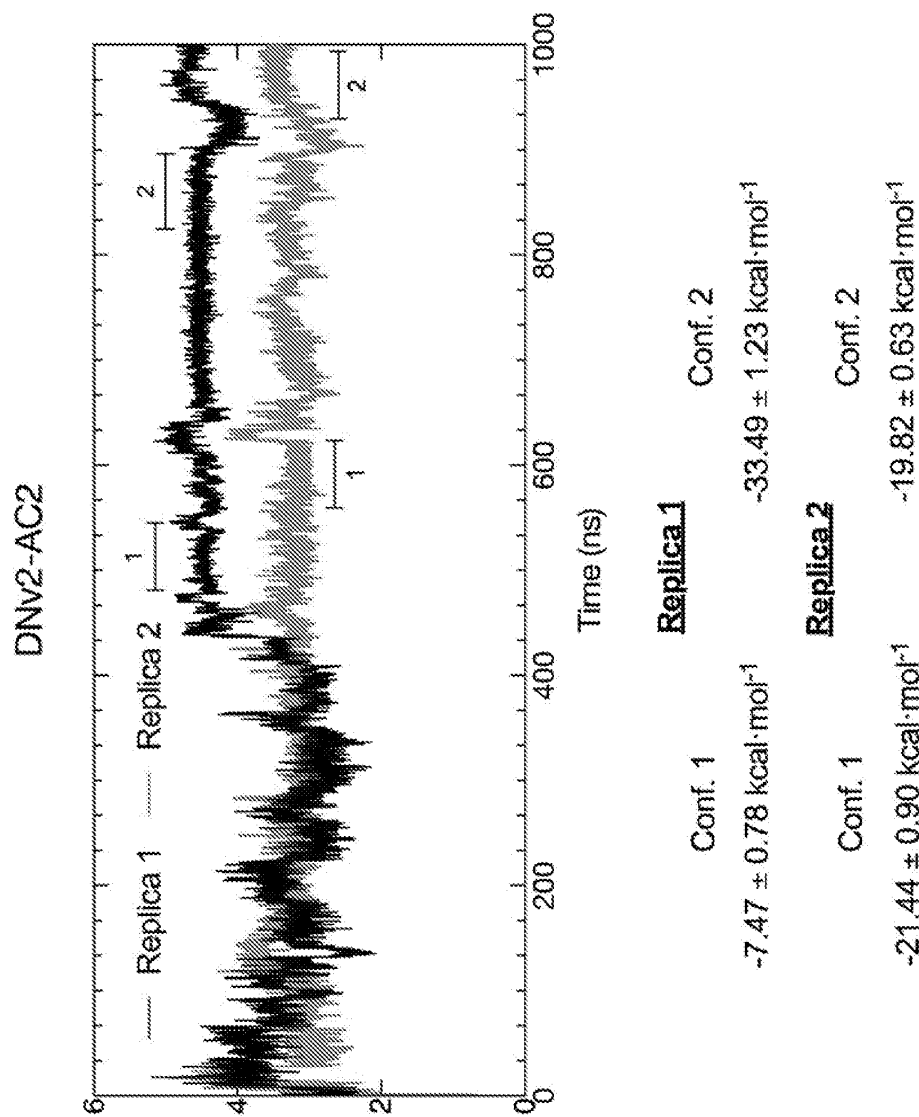


Figure 18

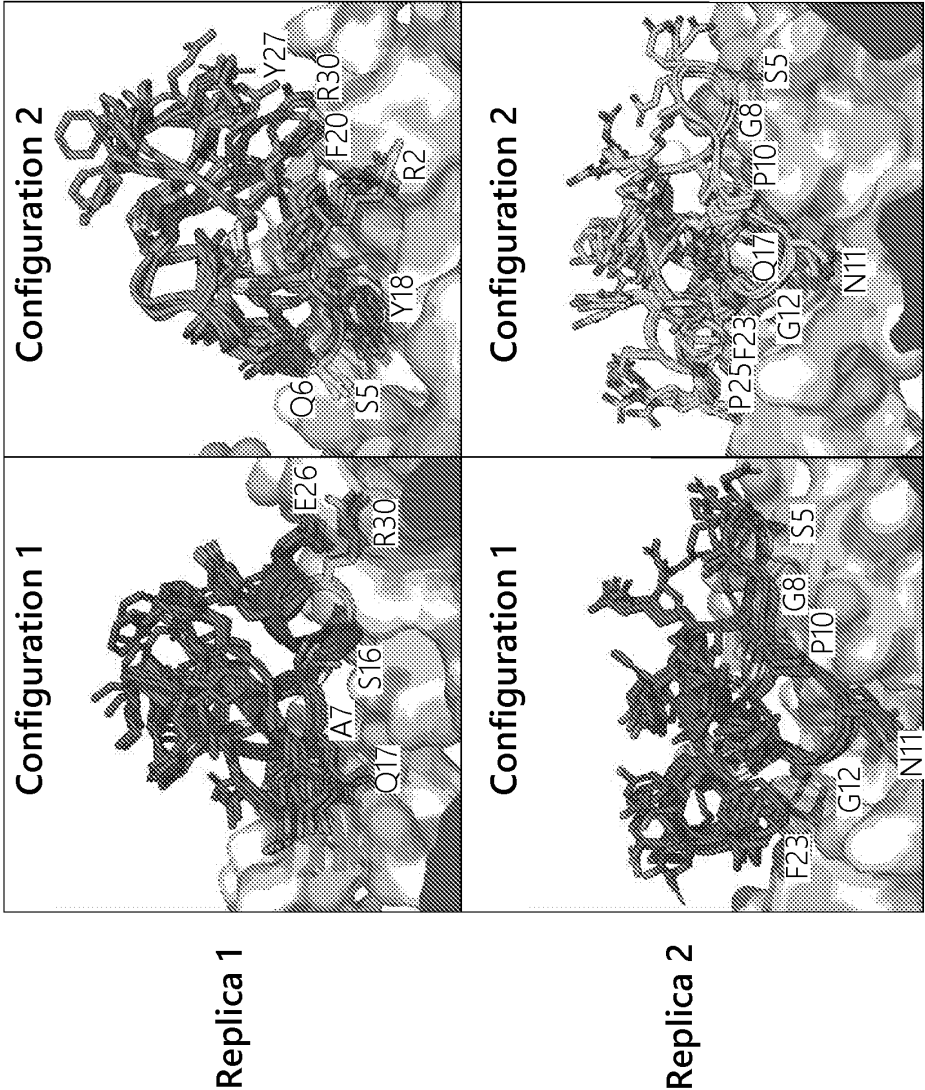


Figure 19A

Contact Frequency (DNv2-AC2)

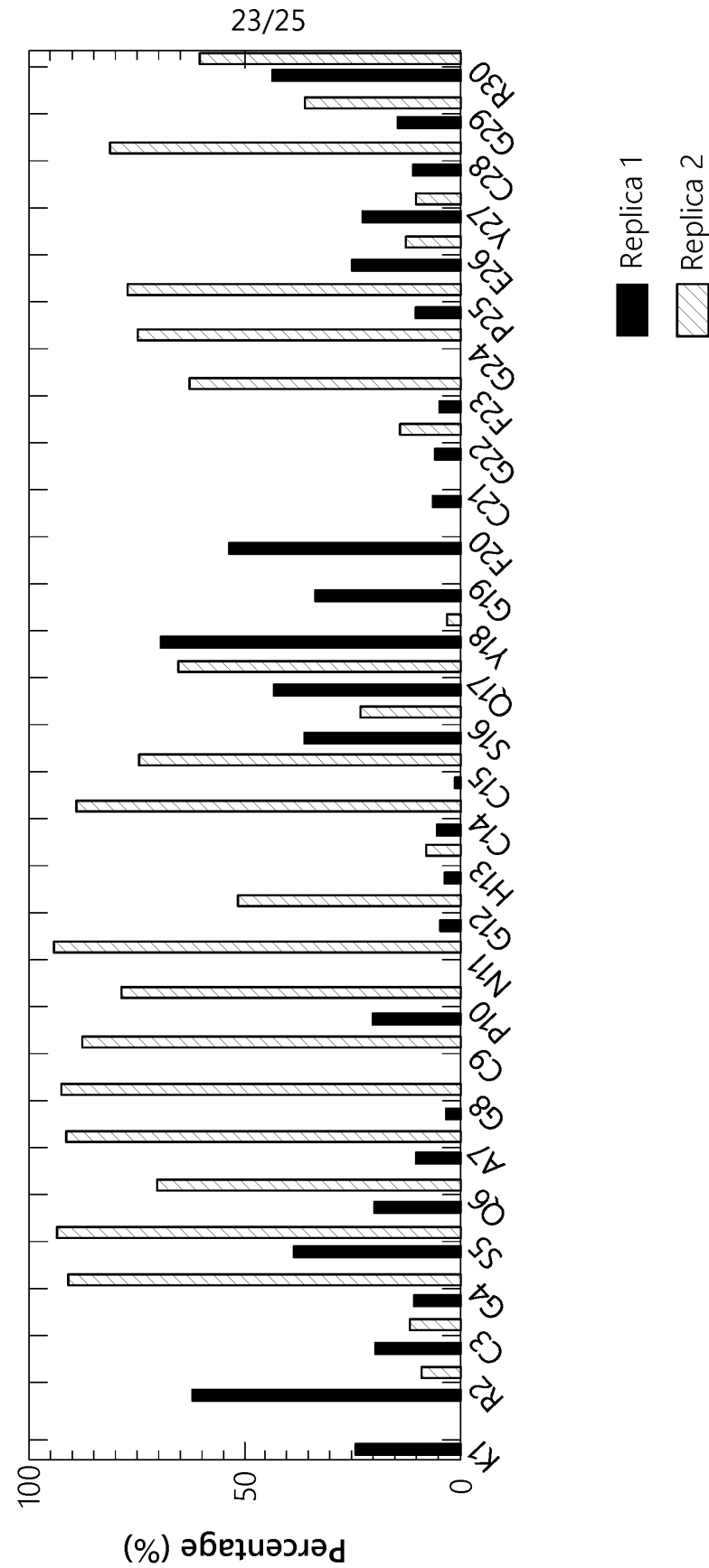


Figure 19B

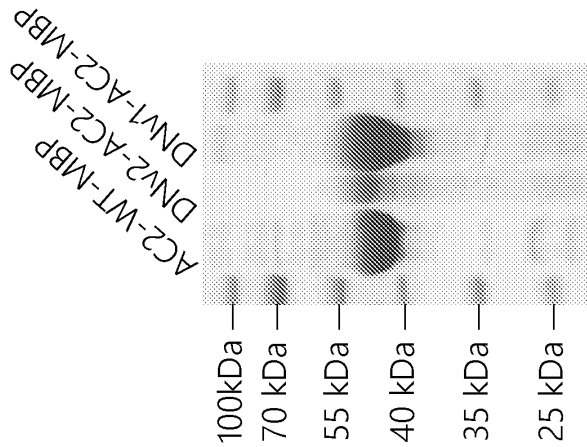


Figure 20A

Broth dilution assay MIC			
	Aspergillus niger	Fusarium oxysporum	Trichoderma reesei
AC2-WT-MBP	16.0 μ M	10.3 μ M	8.1 μ M
DNV1-AC2-MBP	10.3 μ M	10.3 μ M	5.3 μ M
DNV2-AC2-MBP	10.3 μ M	10.3 μ M	5.3 μ M

Figure 20B

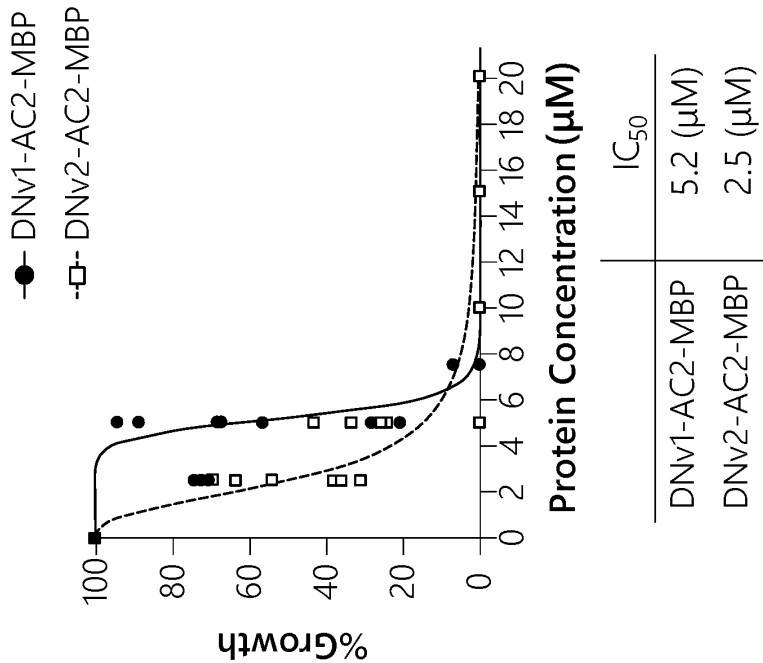


Figure 21B

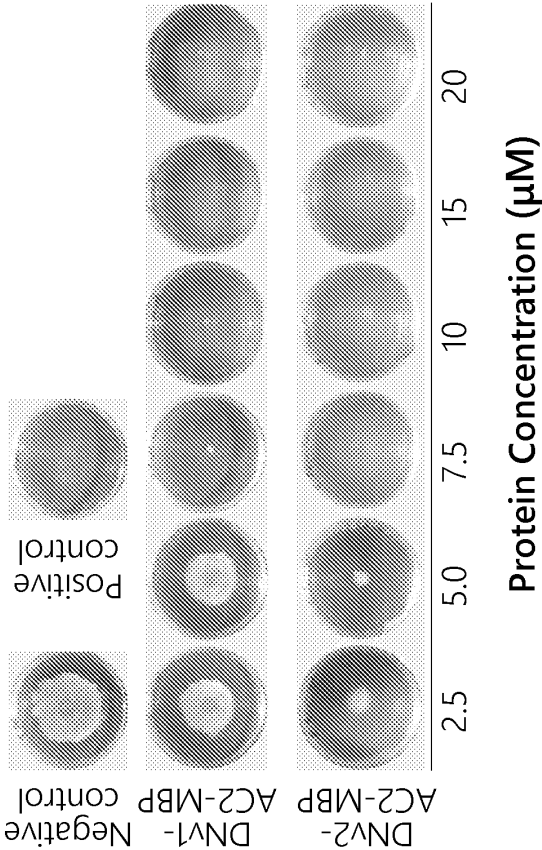


Figure 21A