

	Proteins	Residue positions	Bits of information		Fraction Top 5 (%) ³	AAD (%)	AUC	Rank Top
			Phage display	Predicted				
GB1	1	6	1.58	2.79	52.8	6.39	0.71	9.00
hGH/hGHR ¹	1	16	1.19	2.67	44.3	6.71	0.67	12.63
hGH/hGHR ²	1	35	0.89	2.67	27.9	7.52	0.57	14.52
PDZ/Peptide	5	25	3.11	2.72	68.7	6.61	0.79	7.96

¹16 designed hGH amino acid positions as defined in [23] and shown in Figure 3.

²All designed hGH amino acid positions shown in Figure S4.

³Naïve predictions, which rank up to 4 amino acids, do artificially poorly with Fraction Top 5.