

Additional File 3. Protein sequence comparisons of NTNH from all 7 BoNT serotypes.

		Percent Identity							
		1	2	3	4	5	6	7	
Percent Difference	1	█	72.3	78.3	66.9	66.9	62.4	65.4	CAA61228 /G strain 89
	2	34.5	█	83.1	65.6	65.6	68.5	77.4	ABD65471 /A Hall strain
	3	25.7	19.3	█	68.3	68.6	62.2	65.3	BAE48263 /B Okra strain¹
	4	43.5	45.8	41.1	█	99.7	58.7	59.7	BAE47783 /C Stockholm strain
	5	43.5	45.8	41.1	0.3	█	58.2	59.7	BAA75083 /D strain 1873
	6	51.7	40.8	52.1	60.4	60.4	█	75.8	ACD52603 /E Alaska strain ²
	7	46.2	26.9	46.5	57.2	57.2	29.2	█	CAA67511 /F Langeland strain

¹Indicates the sequences that are the most similar

²Sequences that are the least similar to /G