

<u>α7 Homopentamer</u>	<u>Number of Patches</u>	<u>Closed Component C1</u>	<u>Closed Component C2</u>	<u>Closed Component C3</u>	<u>Closed Component C4</u>	<u>Burst Terminator (T<sub>crit</sub>)</u>
ACh	11	0.8 ± 0.05	9.1 ± 1.32	189.0 ± 37.93	4076.6 ± 611.11	1.7 ± 0.21
oAβ <sub>42</sub>	11	1.0 ± 0.09	36.5 ± 9.24	316.1 ± 47.81	3269.1 ± 420.42	2.2 ± 0.33
N-Aβcore	11	1.1 ± 0.12	10.3 ± 2.71	100.3 ± 23.60	1969.2 ± 342.11 ***	1.9 ± 0.22
N-Aβ Fragment	11	6.8 ± 0.92	47.1 ± 6.31	167.2 ± 61.31	4009.5 ± 628.73	3.4 ± 0.42
ACh + N-Aβcore	10	0.9 ± 0.07	8.8 ± 1.04	296.6 ± 154.52	5703.0 ± 1378.71 *	2.2 ± 0.33
ACh + N-Aβ Fragment	9	0.8 ± 0.08	5.6 ± 0.60	71.0 ± 6.91	5074.9 ± 1042.44	1.98 ± 0.31
oAβ <sub>42</sub> + N-Aβcore	11	1.0 ± 0.11	11.0 ± 2.61	212.3 ± 32.31	3297.1 ± 460.80	1.7 ± 0.40
oAβ <sub>42</sub> + N-Aβ Fragment	11	0.8 ± 0.05	6.8 ± 0.71	119.7 ± 19.93	1207.3 ± 321.32 ****	3.3 ± 0.54
<u>α7β2 Heteropentamer</u>	<u>Number of Patches</u>	<u>Closed Component C1</u>	<u>Closed Component C2</u>	<u>Closed Component C3</u>	<u>Closed Component C4</u>	<u>Burst Terminator (T<sub>crit</sub>)</u>
ACh	10	0.9 ± 0.07	7.9 ± 0.62	120.1 ± 16.12	4221.6 ± 825.22	2.3 ± 0.41
oAβ <sub>42</sub>	10	0.7 ± 0.13	8.9 ± 1.07	149.3 ± 46.52	4137.6 ± 371.3	1.05 ± 0.22
N-Aβcore	12	1.2 ± 0.11	15.5 ± 5.52	203.9 ± 55.32	3069.3 ± 546.74	2.07 ± 0.51
N-Aβ Fragment	9	0.9 ± 0.09	8.7 ± 1.24	155.3 ± 48.31	4121.3 ± 581.64	2.43 ± 0.42
ACh + N-Aβcore	10	1.0 ± 0.05	11.9 ± 2.03	166.6 ± 24.91	5020.2 ± 520.31	1.65 ± 0.14
ACh + N-Aβ Fragment	9	0.9 ± 0.06	7.9 ± 0.71	92.7 ± 17.73	3813 ± 724.31	1.88 ± 0.33
oAβ <sub>42</sub> + N-Aβcore	10	0.7 ± 0.04	6.4 ± 0.64	98.7 ± 28.34	3015 ± 926.74	1.99 ± 0.22
oAβ <sub>42</sub> + N-Aβ Fragment	9	0.7 ± 0.07	5.7 ± 0.71	93.0 ± 17.04	2962.2 ± 912.63	1.95 ± 0.40

All values in milliseconds (ms) and represent mean ± SEM

Table 1