

<b>Mutation</b>	<b>MutationLocus</b>	<b>Ankyrin binding</b>		<b>Mutation</b>	<b>Locus</b>	<b>Ankyrin binding</b>
wt $\beta$ I-14,15	---	1.00±0.00		Y1797A	14,15 link	≈ 1
wt $\alpha$ I-14,15	---	0.00±0.00		D1798A	14,15 link	≈ 1
E1770A	h14C	≈ 1		L1799A	h15A	≈ 1
W1771A	h14C	≈ 1		H1800A	h15A	≈ 1
K1772A	h14C	≈ 1		Y1802A	h15A	0.15±0.09
D1773A	h14C	≈ 1		L1812W	h15A	0.90±0.05
G1774A	h14C	≈ 1		L1812W, L1848H	h15A	0.09±0.27
L1775A	h14C	≈ 1		H1817A	h15A	≈ 1
N1776A	h14C	≈ 1		E1819A	A,B loop	0.76±0.01
E1777A	h14C	≈ 1		E1822A	A,B loop	≈ 1
W1779R	h14C	0.01±0.01		H1835A	h15B	≈ 1
D1781A	h14C	0.02±0.03		F1841A	h15B	≈ 1
L1783A	h14C	≈ 1		H1846A	h15B	≈ 1
E1784A	h14C	≈ 0		Q1856A	h15B	≈ 1
I1786A	h14C	0.18±0.13		T1860A	h15B	≈ 1
D1787A	h14C	0.43±0.07		T1864A	h15B	≈ 0
T1788A	h14C	0.01±0.02		Y1866A	B-C loop	0.00±0.01
M1790A	h14C	0.58±0.15		A1867P	B-C loop	0.00±0.01
Q1791A	h14C	≈ 1		E1869A	B-C loop	≈ 1
L1792A	h14C	0.15±0.06		E1880A	h15C	≈ 1
L1793A	14,15 link	0.04±0.06		A1884V	h15C	≈ 1
S1796A	14,15 link	0.14±0.05		Q1886A	h15C	≈ 1

Ankyrin binding values estimated relative to wt peptide binding, as measured from Coomassie blue stained gels or Western blot. Where no SD is expressed, values were estimated but not quantitatively measured.