Table S4: Average number of deuterons incorporated in Ssa1-NBD in the presence and absence of ATP

PEPTIDE			AVERAGE NUMBER OF DEUTERONS INCORPORATED		
Start	End	Mass (exp) [Da]	HX time:	10 s	2 min
16	39	2657.3	Ssa1-NBD[1]	4.8	10.0
			Ssa1-NBD + ATP 1 mM	5.3	10.3
23	39	1903.0		4.7	6.8
				4.9	7.0
40	45	652.3		1.8	1.9
				1.7	1.8
40	48	1050.5		3.5	3.6
				3.5	3.6
46	66	2246.1		8.0	9.6
				7.7	9.6
49	63	1500.7		6.0	7.5
				5.5	7.2
49	66	1847.9		6.5	7.8
				6.2	7.9
67	83	1942.0		N.D.	5.0
				N.D.	4.8
83	92	1232.6		1.4	2.0
				1.7	2.0
93	105	1486.8		1.4	N.D.
				1.2	N.D.
105	119	1711.8		2.1	3.1
				2.1	3.2
105	120	1842.9		2.4	3.3
				2.4	3.3
106	119	1564.8		1.8	3.4
				1.9	3.3
120	133	1598.8		0.1	0.4
				0.1	0.7
121	130	1104.6		0.0	0.1
				0.0	0.2
121	133	1467.7		0.3	0.5
				0.4	0.4
123	133	1255.6		0.1	0.4
				0.1	0.5
132	139	878.4		1.9	3.4
				1.8	3.2
140	147	818.4		0.0	0.2
				0.6	0.9
140	165	2692.4		1.9	3.9
				2.5	4.5
148	165	1892.0		1.1	1.8
				1.0	1.8
149	165	1744.8		1.0	1.6
				1.0	1.9

168	**178**	1167.6			2.2	2.3
					2.2	2.2
169	**178**	1054.6			1.4	1.5
					1.3	1.4
207	**214**	892.4			1.8	2.9
					1.7	2.8
215	**229**	1498.7			2.5	4.5
					2.1	3.2
216	**229**	1369.6			2.4	4.0
					2.1	2.7
230	**241**	1530.7			0.5	1.9
					0.3	0.6
242	**254**	1605.9			3.8	5.1
					3.5	4.8
242	**256**	1833.0			5.5	7.8
					4.9	7.7
265	**280**	1748.9			4.7	7.6
					3.6	5.1
266	**280**	1619.9			4.5	6.4
					3.6	4.4
285	**290**	726.3			1.0	1.6
					0.8	1.2
307	**315**	1062.5			1.2	1.5
					0.8	0.9
307	**323**	1986.1			0.4	1.1
					0.4	0.8
307	**330**	2787.5			1.7	3.2
					1.5	2.7
316	**323**	941.6			0.6	0.7
					0.6	0.4
316	**330**	1742.9			1.3	2.0
					1.2	1.7
331	**346**	1707.1			1.8	3.8
					0.5	1.2
331	**348**	1907.2			1.4	3.5
					0.4	1.6
331	**349**	2022.2			1.5	3.7
					0.5	1.6
334	**346**	1381.8			1.4	3.3
					0.6	1.0
334	**349**	1697.0			1.5	3.5
					0.5	1.0
347	**364**	2094.0			4.7	6.8
					4.8	6.8
349	**365**	1964.9			4.5	6.7
					4.8	6.7
350	**364**	1778.8			4.7	6.8
					4.5	6.4
365	**373**	848.4			0.1	0.1
					0.1	0.1
366	**373**	777.4			0.1	0.1
					0.0	0.0

(1)   The data for Ssa-NBD corresponds to that of Table S5, dataset 2