

Table 1. Overview of the applicability of exon skipping for DMD mutations

Ranking	Exon(s)	All mutations	Deletions	Small mutations	Single exon duplications
1	51	13.0%	19.1%	0.3%	3.0%
2	45	8.1%	11.8%	0.2%	2.2%
3	53	7.7%	11.4%	0.1%	1.5%
4	44	6.2%	8.8%	0.4%	2.7%
5	46	4.3%	6.2%	0.2%	1.6%
6	52	4.1%	5.7%	0.5%	2.3%
7	50	4.0%	5.6%	0.2%	1.9%
8	43	3.8%	5.3%	0.2%	2.6%
9	6 and 7	3.0%	3.6%	0.1%	6.3%
10	8	2.3%	2.3%		8.0%
11	55	2.0%	2.7%	0.8%	0.2%
12	2	1.9%	1.3%		12.7%
13	69 and 70	1.4%		5.6%	
14	19 and 20	1.1%		4.6%	
15	45 and 51	1.1%	1.7%		
16	58 and 59	1.1%		4.5%	
17	17	1.0%	1.1%	0.1%	3.1%
18	7	1.0%	1.4%		0.8%
19	65 and 66	1.0%		3.9%	
20	43 and 44	0.9%		3.5%	
21	12	0.8%	1.0%	0.3%	1.4%
22	23	0.8%		3.1%	
23	18	0.9%	1.0%	0.1%	2.6
24	20	0.8%	1.0%	0.2%	1.2%
25	21	0.8%	0.5%	1.2%	1.6%
26	17 and 18	0.8%		3.1%	
27	11 and 12	0.7%		2.9%	
28	68 and 69	0.7%		2.9%	
29	19	0.6%	0.5%	0.4%	1.8%
30	22	0.6%	0.6%	0.1%	1.8%
31	45 and 53	0.6%	0.9%		
32	41	0.6%		2.3%	
33	14	0.6%		2.2%	
34	54 and 55	0.6%		2.2%	
35	20 and 21	0.5%		2.1%	
36	35	0.5%		2.1%	
37	54	0.5%	0.6%		1.0%
38	24	0.5%		2.0%	
39	40	0.5%		2.0%	
40	34	0.4%		1.8%	
41	56	0.4%	0.6%		0.5%
42	11	0.4%	0.3%	0.2%	2.3%
43	16	0.4%		1.7%	
44	39	0.4%		1.7%	
45	62 and 63	0.4%		1.5%	
46	64	0.4%		1.6%	
47	7 and 8	0.4%	0.4%	0.5%	0.2%
48	26	0.4%		1.5%	
49	10	0.4%		1.4%	
50	51 and 52	0.4%		1.4%	
51	6	0.4%	0.3%		1.6%
52	52 and 53	0.3%		1.4%	
53	74	0.3%		1.4%	
54	3	0.3%		1.2%	0.5%

55	13	0.3%		1.3%	
56	21 and 22	0.3%		1.3%	
57	32	0.3%		1.3%	
58	48	0.3%		1.3%	
59	55 and 56	0.3%		1.3%	
60	69	0.3%		1.1%	
61	30	0.3%		1.2%	
62	44 and 45	0.3%		1.2%	
63	47	0.3%		1.1%	0.3%
64	25	0.3%		1.1%	
65	60	0.3%		1.0%	0.3%
66	75 and 76	0.3%		1.2%	
67	5	0.3%		1.0%	
68	27	0.3%		1.0%	
69	50 and 51	0.3%		1.0%	
70	50 and 55	0.3%	0.4%		
71	56 and 57	0.3%		1.0%	
72	57	0.3%	0.2%	0.2%	0.9%
73	28	0.2%		1.0%	
74	4	0.2%		0.9%	
75	29	0.2%		0.9%	
76	38	0.2%		0.7%	0.5%
77	52 and 55	0.2%	0.3%		
78	33	0.2%		0.8%	
79	36	0.2%		0.8%	
80	37	0.2%		0.8%	
81	68	0.2%		0.7%	
82	70	0.2%		0.7%	
83	9	0.2%		0.7%	
84	61	0.2%	0.03%		1.6%
85	15	0.2%		0.6%	
86	43 and 53	0.2%	0.2%		
87	63	0.1%	0.1%	0.3%	0.2%
88	43 and 51	0.1%	0.2%		
89	59 and 60	0.1%	0.2%		
90	65	0.1%		0.5%	
81	66	0.1%	0.03%	0.4%	
82	6 and 8	0.1%	0.1%	0.2%	
83	45 and 46	0.1%		0.4%	
84	58	0.1%	0.1%	0.1%	0.5%
85	61 and 62	0.1%			1.1%
86	2 and 11	0.1%			0.9%
87	8 and 11	0.1%			0.9%
88	31	0.1%		0.3%	
89	62	0.1%	0.03%	0.2%	0.3%
90	2 and 7	0.1%	0.1%		
91	68 and 69	0.1%	0.1%		
92	12 and 19	0.04%			0.5%
93	17 and 22	0.04%	0.1%		
94	42	0.04%		0.2%	
95	53 and 54	0.04%	0.03%		0.2%
96	57 and 58	0.04%	0.1%		
97	59	0.04%	0.03%	0.1%	
98	59 and 63	0.04%	0.1%		
99	67	0.04%			0.5%
100	73	0.04%		0.2%	
101	2 and 6	0.02%			0.2%
102	2 and 17	0.02%			0.2%

103	8 and 17	0.02%			0.2%
104	11 and 22	0.02%	0.03%		
105	17 and 20	0.02%	0.03%		
106	18 and 46	0.02%			0.2%
107	21 and 44	0.02%	0.03%		
108	22 and 43	0.02%			0.2%
109	44 and 52	0.02%			0.2%
110	46 and 52	0.02%			0.2%
111	49	0.02%		0.1%	
112	52 and 57	0.02%	0.03%		
113	58 and 62	0.02%			0.2%
114	63 and 68	0.02%	0.03%		
115	66 and 68	0.02%		0.1%	
116	71	0.02%		0.1%	
117	72	0.02%		0.1%	
118	75	0.02%	0.03%		
119	77	0.02%		0.1%	
120	78	0.02%			0.2%