



1. 1 kb Plus Ladder DNA Marker

2. 15802/ KpnI, NdeI

3. 15803/ KpnI, NdeI

4. 15804/ KpnI, NdeI

5. 15805/ KpnI, NdeI

6. 15802/ SacII, XbaI

7. 15803/ SacII, XbaI

8. 15804/ SacII, HindIII

9. 15805/ SacII, HindIII

Empty

10. 1 kb Plus Ladder DNA Marker

11. 1 kb Plus Ladder DNA Marker



12,000 bp
 5,000 bp
 2,000 bp
 1650 bp
 1,000 bp
 850 bp
 650 bp
 500 bp

Restriction digest analysis of dysferlin cDNA plasmids

	Plasmid	R.E. Digest	Expected bands
Lane 2: 15802	8857 bp	Kpn1/Nde1	insert 6270 bp + vector:2587 bp
Lane 3: 15803	8860 bp	Kpn1/Nde1	insert 6275 bp + vector:2585 bp
Lane 4: 15804	8914 bp	Kpn1/Nde1	insert 6329 bp + vector:2585 bp
Lane 5: 15853	8917 bp	Kpn1/Nde1	insert 6332 bp + vector:2585 bp
Lane 6: 15802	8860 bp	SacII/Xba1	551 bp + 8306 bp
Lane 7: 15803	8860 bp	SacII/Xba1	no sites Sac II; Xba1 linearizes: 8860 bp
Lane 8: 15804	8860 bp	SacII/HindIII	2258 bp + 6656 bp
Lane 9: 15803	8860 bp	SacII/Xba1	no sites Sac II; Hind III linearizes: 8917 bp
Lanes 1, 10 & 11: 1kb Plus DNA ladder (Invitrogen Cat # 10787-018)			