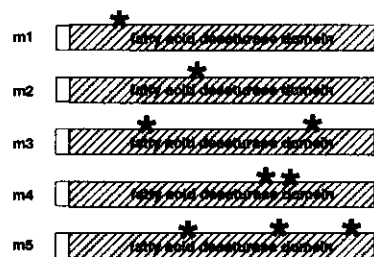
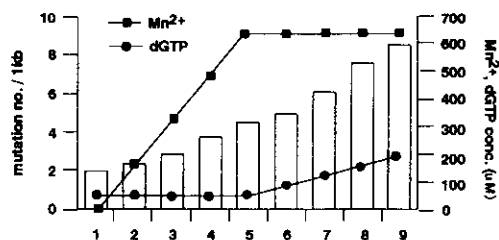


PCR Random Mutagenesis



(図 8)

PCRを用いたランダムな変異の導入

表1 各種合成変異体の酵素活性

No.	Mutation	% of activity
1	D73E	77
2	W78C	98
3	R86Q	75
4	V91A	63
5	V91G	95
6	H99Q	88
7	S109R	105
8	M111I	20
9	L120P	22
10	I124T	97
11	I124N	89
12	P127H	67
13	P127R	N.D
14	F133L	55
15	Q140R	60
16	E146G	89
17	E146D	90
18	K157Q	N.D
19	K157E	104
20	K157D	90
21	F180L	98
22	Y183F	65
23	H192Q	33
24	S196R	40
25	P202L	89
26	V208A	76
27	I219M	55
28	L225F	45
29	F245L	108
30	H257Q	77
31	H258Q	89
32	N261L	90
33	R267N	97
34	W271C	50
35	R275H	67

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