Can reuse
Need to recompute

		0	1	2	3	4	5	6	7	8	9
	M	–	A	G	G	T	A	T	C	G	C
0	–	0	0	0	0	0	0	0	0	0	0
1	A	1	0	1	1	1	0	1	1	1	1
2	T	2	1	1	2	1	1	0	1	2	2
3	G	3	2	1	1	2	2	1	1	1	2
4	G	4	3	2	1	2	3	2	2	1	2
5	C	5	4	3	2	2	3	3	2	2	1

Traditional dynamic programming table

Previous sequence: **AT**GGC
New sequence: **AT**TAA
LCP: 2

						d						
	c	-3	-2	-1	0	1	2	3	4	5	6	7
	-1			-∞	-1	0	1	2	3	4	5	6
	0		-∞	-1	1	1	2	3	6	5	6	
e	1	-∞	-1	3	3	2	4	6	9	8		
	2	-1	3	4	4	4	7	8	9			

Alternate dynamic programming table