

	-1	0	0	0	0	0	0	0	0
X	0	0	0	0	0	0	0	0	0
A	0	0	1	1	1	1	1	1	1
L	0	0	1	1	1	2	2	2	2
B	0	0	1	1	2	2	2	2	2
C	0	0	1	1	2	3	3	3	3
C	0	0	1	1	2	3	3	3	3
Z	0	0	1	1	2	3	3	4	4
B	0	0	1	1	2	3	3	4	4
	Y	D	A	A	B	C	D	Z	Z

LCS: ABCZ