

Match = 3, mismatch -1
GapI=-3, GapE=-1
Gap length 1 = -4, length 2 = -5, etc

sum diagonal
test for vertical or horizontal gap
score 0 if negative

track score origin for each cell trace back

	C	A	G	C	C	T	C	G	C
A									
T									
G									
C									
C					text				
A									
T									
T									
G									
A									