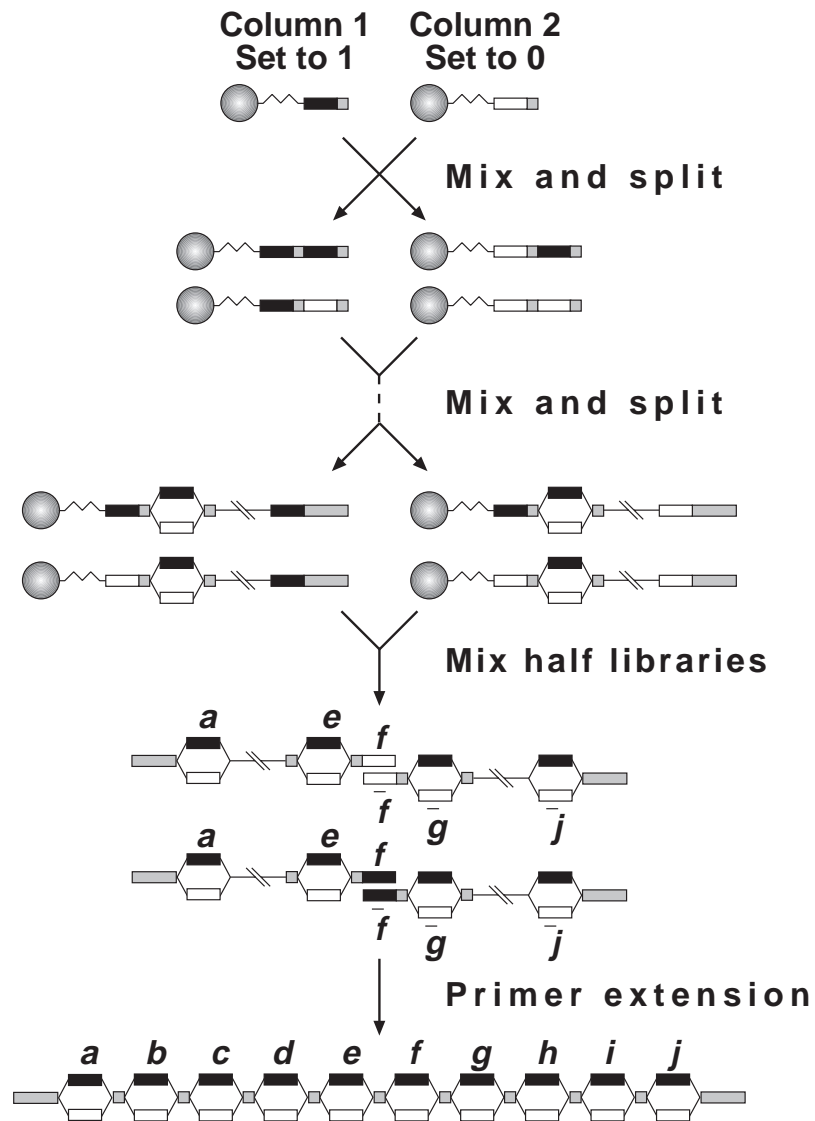
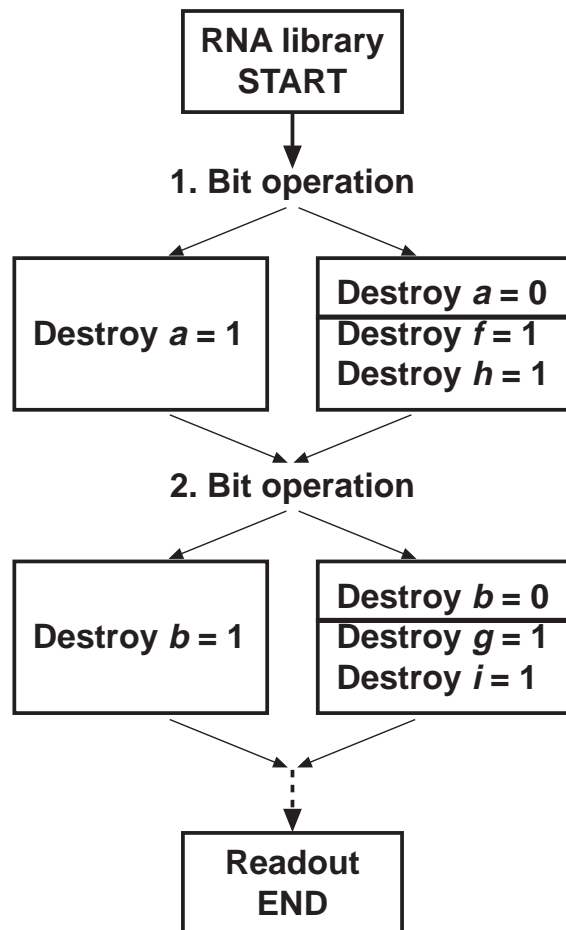
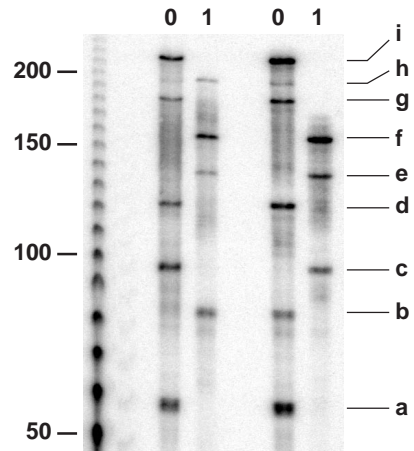


## Construction of a 10-bit Nucleic Acid Library









**Expected and observed frequencies of boards with specific numbers of knights.**

# Knights per Board	Expected Frequency (% out of 94)	Observed Frequency (% out of 42)
5	2 (2.1)	1 (2.3)
4	18 (19.1)	11 (26.2)
3	36 (38.3)	16 (38.1)
2	28 (29.8)	10 (23.8)
1	9 (9.6)	4 (9.5)
0	1 (1.1)	0 (0)