

Emission Probs

✓
emission probs 5p barcode

→ list; each entry is a dict of emission probs
each entry reps a spot in 5p barcode

✓ same for 3p barcode, adapter

✓ insert, RNAinsert are random emissions

✓ insert: list like above

✓ RNAinsert: just a dict

Assembly:

FORWARD

Junk	5p bar	+	RNAinsert	+	adapter	+	3p barcode
IS	[M0-M24]		R		[M25-69]		[M70-M140]
	I0-I24		IR		I25-I69		I70-I140

- Dict where key is state ("M25", "IR", etc)
value is emission prob for that state

BACKWARD

Junk	3R	+	AdaptR	+	RNA	5R
ISr	Mr0-Mr70		Mr71-Mr115		Rr	Mr116-Mr140
	Ir0-Ir70		Ir71-Ir115		IRr	Ir116-Ir140