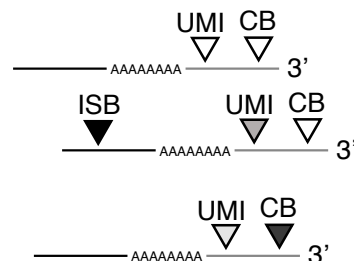
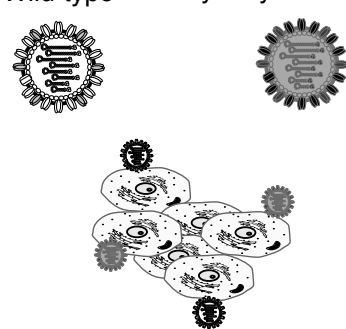


**C**

Wild-type      Synonymous barcode



- UMI - Unique Molecular Identifier
- CB - Cell Barcode
- ISB - Influenza Synonymous Barcode

Cell	Host gene A		Host gene B		M	NS	Influenza barcode
	0	20	0	20			
A	0	20	0	0	0	0	N.D.
B	50	25	5	10	5	10	WT
C	5	22	99	94	99	94	Syn
D	10	30	50	45	50	45	Both