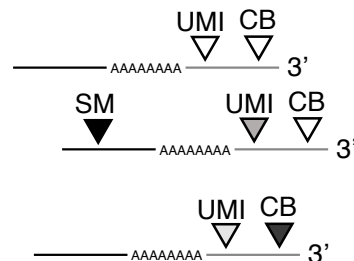
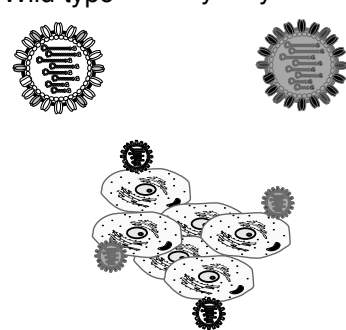


**C**

Wild-type      Synonymous barcode



- UMI - Unique Molecular Identifier
- CB - Cell Barcode
- SM - 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              |