CFTR

Lysosome

CFTR

COPB1 COPZ1 COPG1
COPB2 COPZ2 COPG2
COPA ARCN1 COPE
ARF1 CFTR
COPI

H2O

Pi (HPO4 2-)

Vesicle

COPB1 COPZ1 COPG1
COPB2 COPZ2 COPG2
COPA ARCN1 COPE
ARF1 CFTR
COPI

Vesicle

SEC31A SEC31B SEC31 SEC13 SEC13_SEC31

SEC24A SEC24C SEC24B SEC24D SEC24
SEC23A SEC23B SEC23
SEC23_SEC24
SAR1A CFTR_corrQ
Prebudding_complex

H2O

Pi (HPO4 2-)

SEC31A SEC31B SEC31 SEC13 SEC13_SEC31

SEC24A SEC24C SEC24B SEC24D SEC24
SEC23A SEC23B SEC23
SEC23_SEC24
SAR1A CFTR_corrQ
Prebudding_complex

SEC31A SEC31B SEC31 SEC13 SEC13_SEC31

SEC24A SEC24C SEC24B SEC24D SEC24
SEC23A SEC23B SEC23
SEC23_SEC24
SAR1A
Prebudding_complex

SEC31A SEC31B SEC31 SEC13 SEC13_SEC31

SEC24A SEC24C SEC24B SEC24D SEC24
SEC23A SEC23B SEC23
SEC23_SEC24
SAR1A CFTR
Prebudding_complex

SEC24A SEC24C SEC24B SEC24D SEC24
SEC23A SEC23B SEC23
SEC23_SEC24
SAR1A
Sec_SarComplex

SEC24A SEC24C SEC24B SEC24D SEC24
SEC23A SEC23B SEC23
SEC23_SEC24

SAR1A

SAR1A

SEC12

CFTR

STX6 GOPC
GOPC_STX6

STX6 GOPC CFTR
CFTR_CAL

STX6 GOPC MARCHF2 CFTR
CFTR_CAL

MARCHF2

STX6 GOPC MARCHF2 CFTR
CFTR_CAL

FOXA2

SAR1A

ARF1

GTP

GDP

ARF1

COPI

CFTR_corrQ GORASP1 GORASP2 GORASP
GORG_CFTR

Vesicle

GORASP1 GORASP2 GORASP

GORASP1 GORASP2 GORASP

CFTR

ER

Cell