Fig. S4

| RAB7 shRNA | Control | SsD | SsA | BFA |
|------------|---------|-----|-----|------|
|            | -       | 1   | 2   | -    |
|            | -       | 1   | 2   | -    |
| LC3-I      | -       | -   | -   | -    |
| LC3-II     | -       | -   | -   | -    |
| RAB5       | -       | -   | -   | -    |
| GAPDH      | -       | -   | -   | -    |
Fig. S5

A

| RAB5A shRNA | Control | SsD | SsA |
|------------|---------|-----|-----|
| LC3-I      | 1       | 2   |     |
| LC3-II     | 1       | 2   |     |
| RAB5       | -       | -   |     |
| GAPDH      | -       | -   |     |

B

| RAB5A shRNA | Control | SsD |
|-------------|---------|-----|
|             |         |     |

| RAB5A shRNA | Control | SsD |
|-------------|---------|-----|
|             |         |     |

| RAB5A shRNA | Control | SsA |
|-------------|---------|-----|
|             |         |     |

| RAB5A shRNA | Control | SsA |
|-------------|---------|-----|
|             |         |     |

C

| Control | GFP-LC3 | RFP-RAB5 | Merge |
|---------|---------|----------|-------|
| RAB5 WT |         |          |       |
| RAB5 CA |         |          |       |
| RAB5 DN |         |          |       |

| SsA | GFP-LC3 | RFP-RAB5 | Merge |
|-----|---------|----------|-------|
|     |         |          |       |

| SsA | GFP-LC3 | RFP-RAB5 | Merge |
|-----|---------|----------|-------|
|     |         |          |       |

| RAB5A | RAB5-CA | RAB5-DN | SsA  |
|-------|---------|---------|------|
| -     | +       | -       | +    |
| -     | -       | +       | -    |
| -     | +       | -       | +    |
|       |         |          |      |