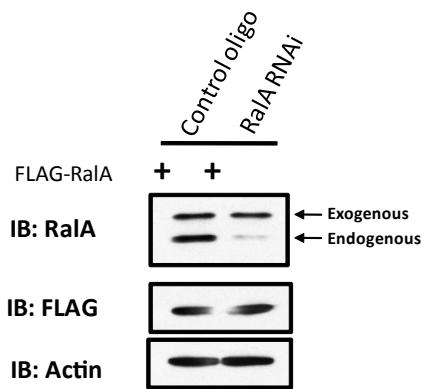


a**b****Figure S1**

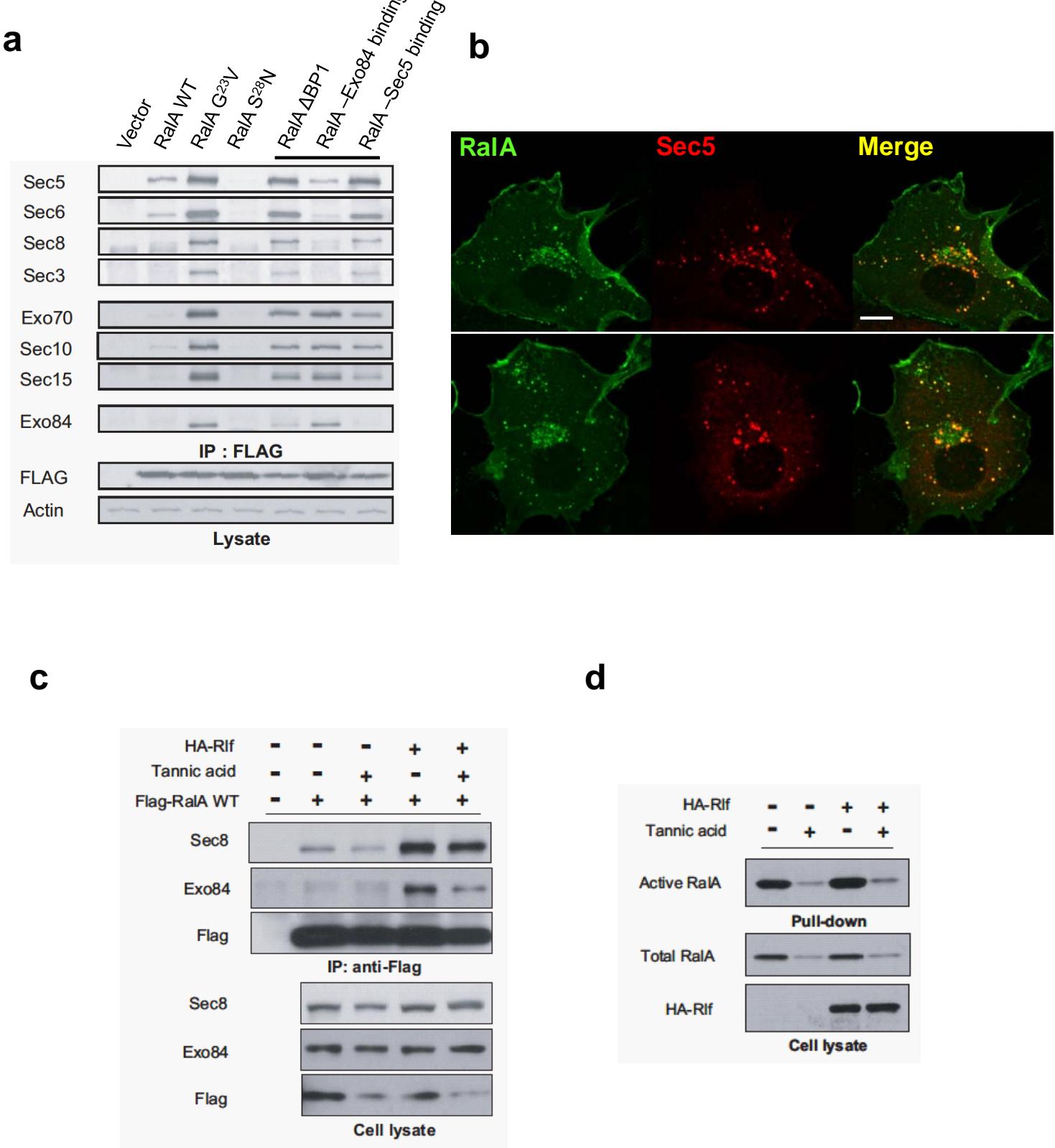


Figure S2

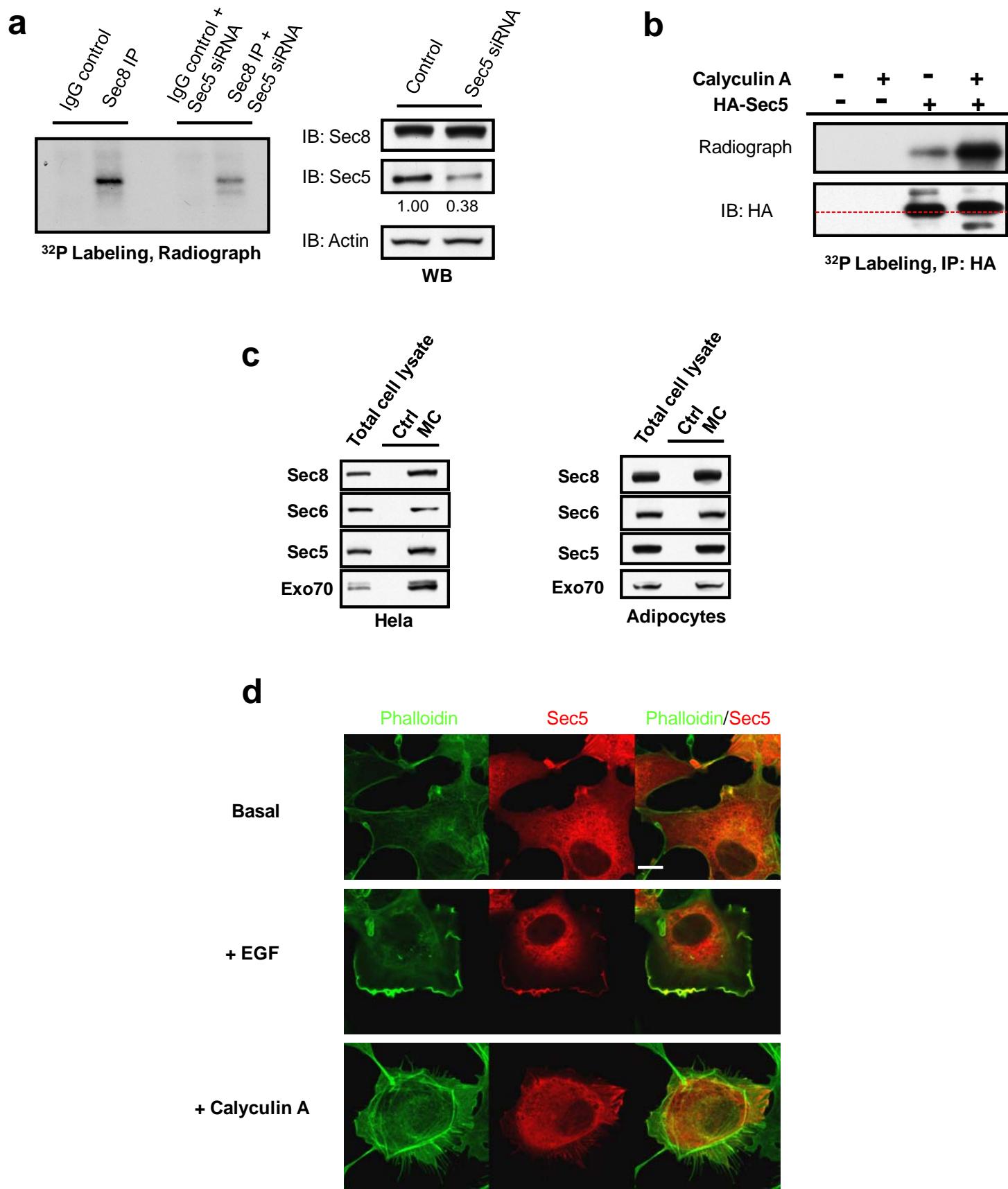


Figure S3

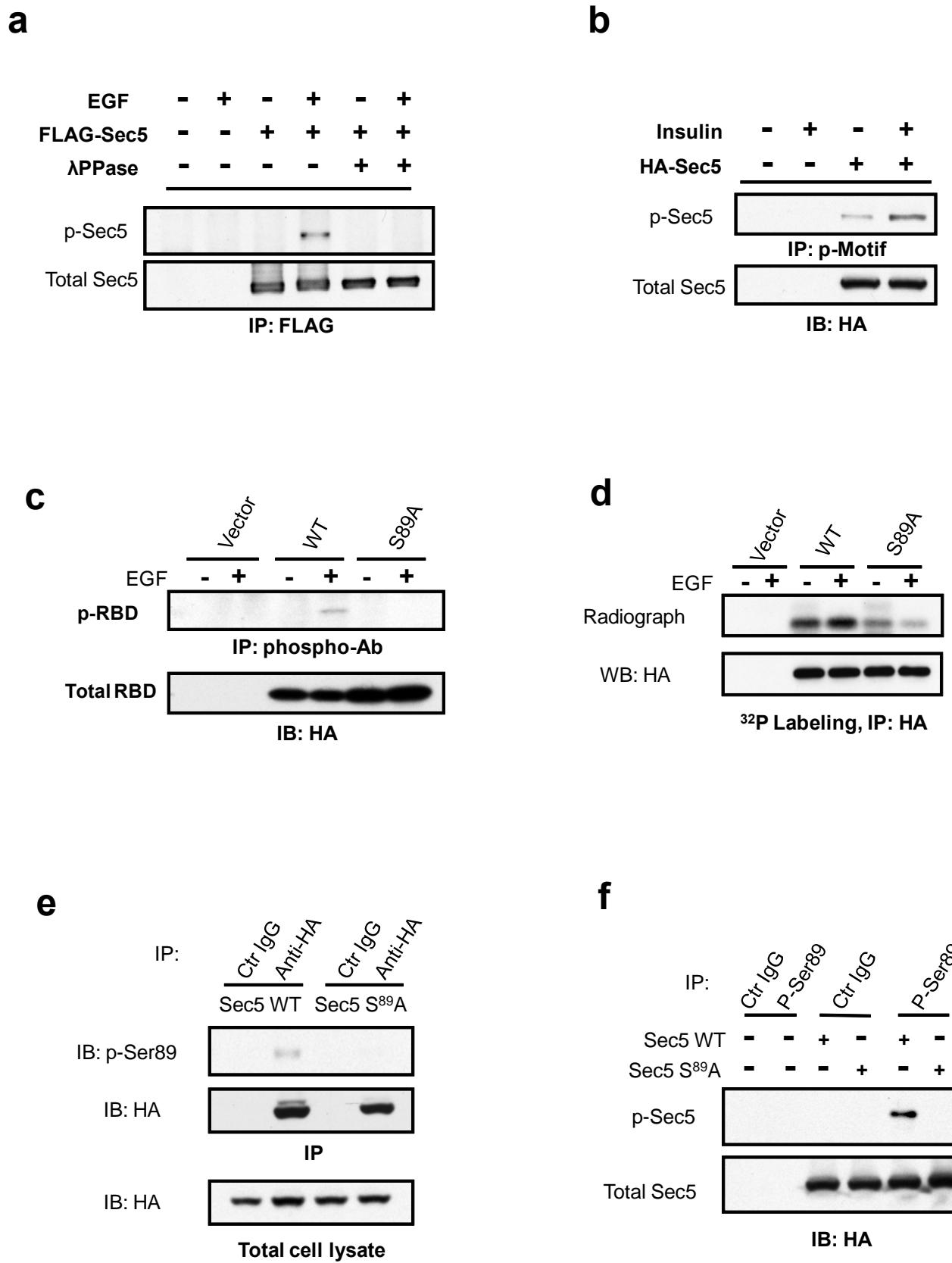
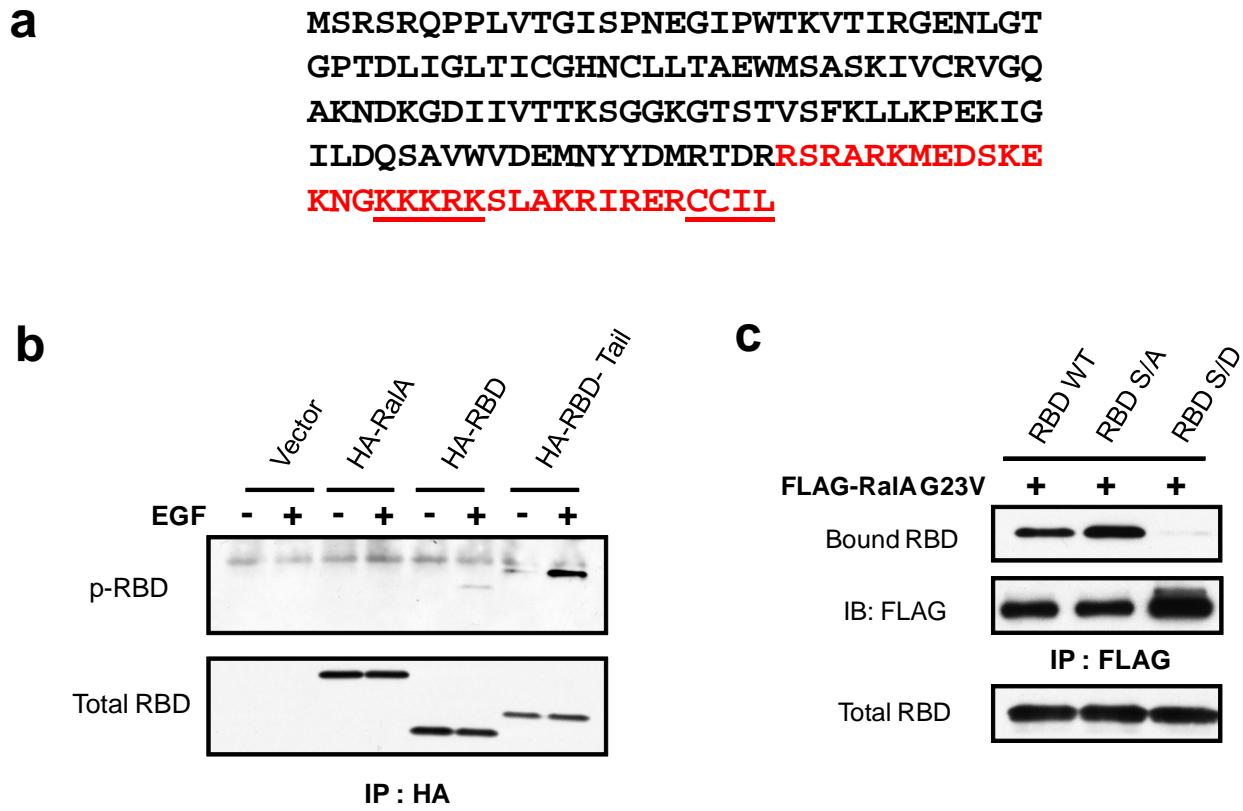


Figure S4



d

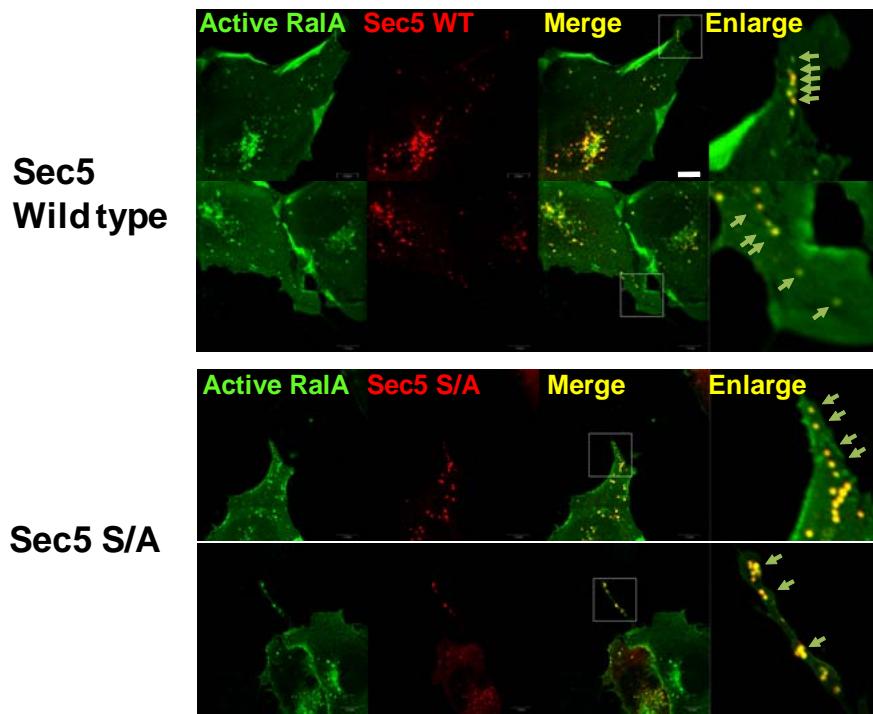
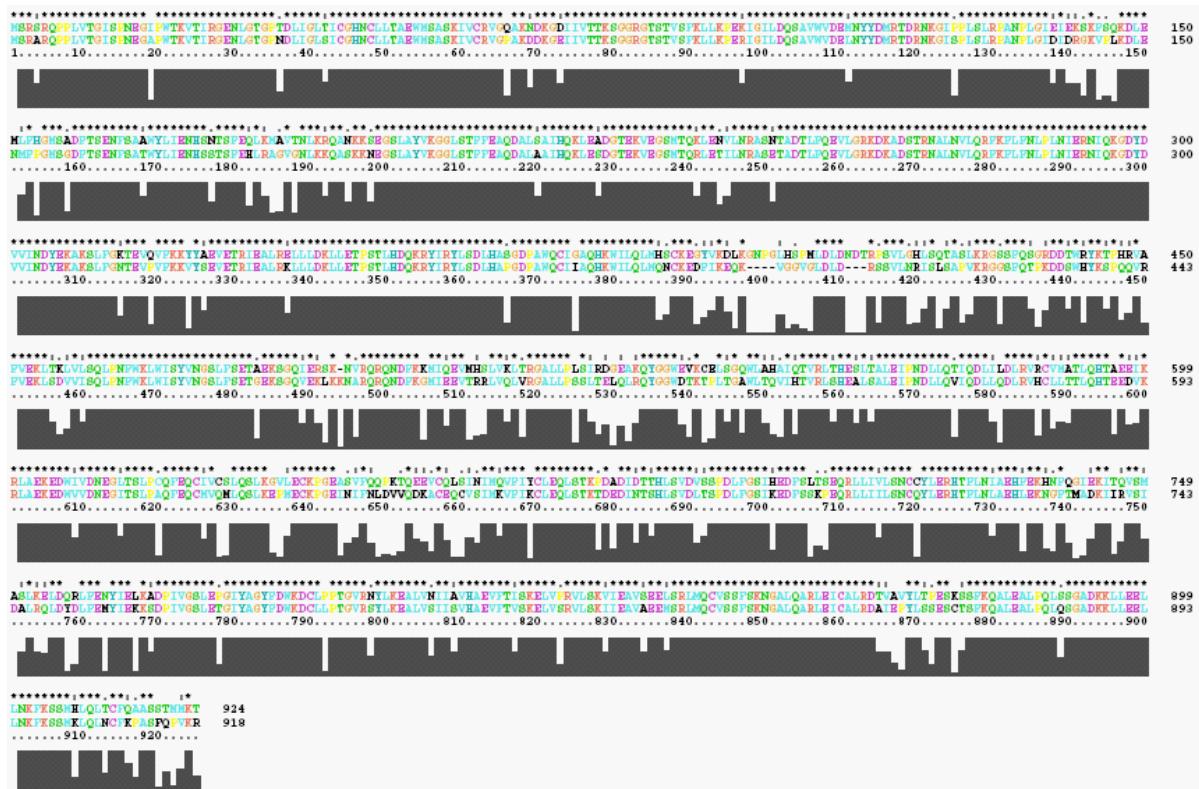
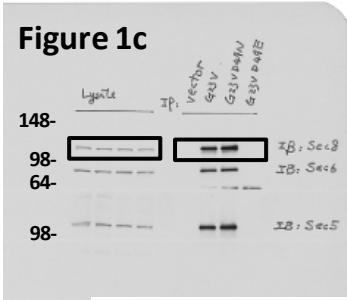
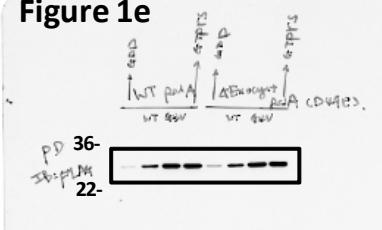
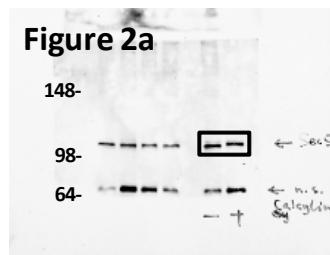
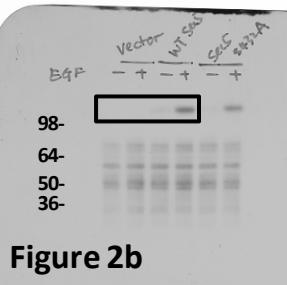
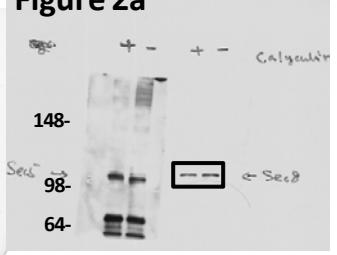
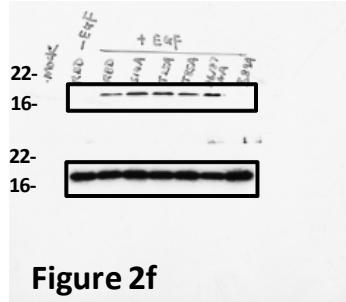
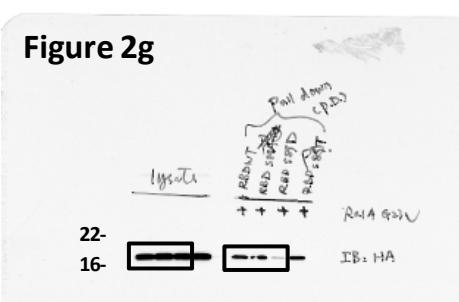
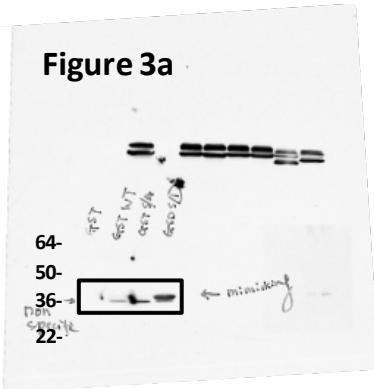
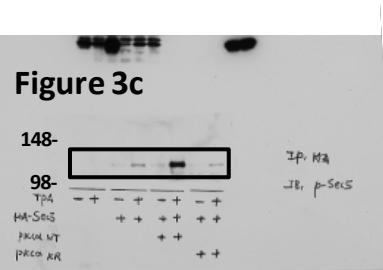
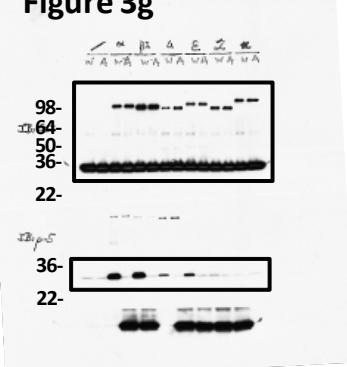
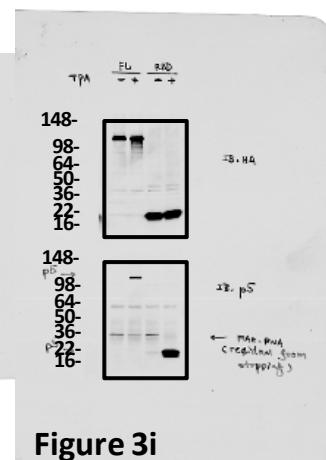
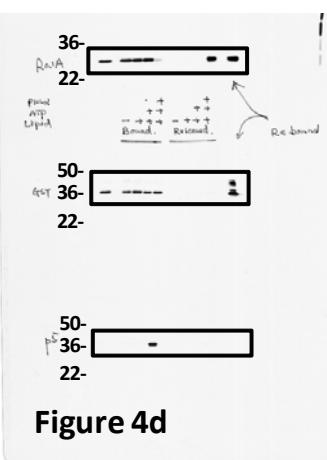
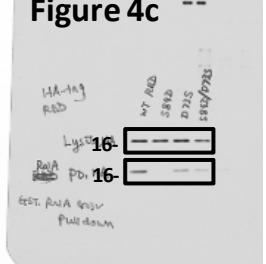
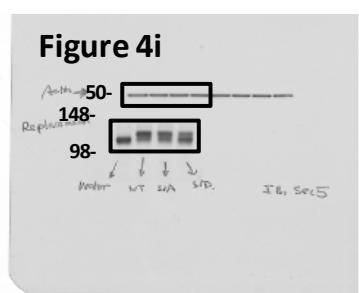


Figure S5

a**b**

Human	TTKSGGRRGTSTV S FKLLKPEKIGI
Mouse	TTKSGGRRGTSTV S FKLLKPEKIGI
Rat	TTKSGGRRGTSTV S FKLLKPEKIGI
Dog	TTKSGGRRGTSTV S FKLLKPEKIGI
Fish	TTKSGGRRGTSTV S FKLLKPERIGI
Fly	TTLGGVGSTVQFRAVH-ETIGP
Worm	ATKSGKGSSNVKFRVF-ITQIGP

c**Figure S6**

Figure 1c**Figure 1e****Figure 2a****Figure 2a****Figure 2b****Figure 2f****Figure 2g****Figure 3a****Figure 3c****Figure 3d****Figure 3g****Figure 3i****Figure 4c****Figure 4d****Figure S7**