

Table S1: List of primers used to make constructs described in this study

	Construct Name	Primers (5'→3')
1	FLAG-STAM-1 (1-195)	Forward: GGAGGTCTATATAAGCAGAGC Reverse: ATATTCTAGATTAGGAAAGGGTGGTTGACTGCTG
2	FLAG-STAM-1 (1-269)	Forward: GGAGGTCTATATAAGCAGAGC Reverse: ATATTCTAGATTAAGTGAGATCTGCAGTCACAAA
3	FLAG-STAM-1 (1-390)	Forward: GGAGGTCTATATAAGCAGAGC Reverse: ATATTCTAGATTACTGATTCTGTAAC TTTGCATA
4	FLAG-STAM1 (391-540)	Forward: ATATAAGCTTCCATATTATATGCAG Reverse: GGGCCAGGAGAGGCACTG
5	FLAG-STAM-1 (144-540/ ΔVHS)	Forward: ATATAAGCTTGCTATTGGCTCTCAGGCT Reverse: GGGCCAGGAGAGGCACTG
6	FLAG-STAM-1 (337-540)	Forward: ATATAAGCTTCACCAGATGGGACCTCTC Reverse: GGGCCAGGAGAGGCACTG
7.	FLAG-STAM-1 (212-540)	Forward: ATATAAGCTTGGCCGAAAAGTTCGTGC Reverse: GGGCCAGGAGAGGCACTG
8.	FLAG-STAM-1 (270-540)	Forward: ATATAAGCTTGCTGAACCAGAAATGATT Reverse: GGGCCAGGAGAGGCACTG
9.	FLAG-STAM-1- Delta GAT (Δ343-377)	Forward 1: TGTCACCAGATGGGACCTCTCGATCCGATGTATTCCATGTATGC Reverse 1: GAGAGGTCCCATCTGGTGACA Forward 2: GGAGGTCTATATAAGCAGAGC Reverse 2: GGGCCAGGAGAGGCACTG
10.	GST-STAM-1-Delta GAT (Δ343-377)	Forward: ATATGAATTCTGCCTCTTTTGGCCACCAATCCC Reverse: ATATCTCGAGCTATAGCAGAGCCTTCTG
11.	GST-STAM-1-GAT (296-380)	Forward: ATATGAATTC TGGAGCCGGAACCAGCC Reverse: ATATCTCGAGCTACATCGGATCTTCGTTTCATTAAC
12.	FLAG-STAM-1-GAT (296-380)	Forward: ATAT AAG CTT GAG CCG GAA CCA GCC Reverse: ATATTCTAGACTACATCGGATCTTCGTTTCATTAAC
13.	YFP-STAM-1	Forward: ATATAAGCTTTGCCTCTTTTGGCCACCAATCCCTTC Reverse: ATATGGTACCCTACATCGGATCTTCGTTTCATTAAC
14.	FLAG-Arr-2-(25-161)	Forward: ATATAAGCTTCGGGACTTTGTGGACCAC Reverse: CAAACAACAGATGGCTGGCAAC
15.	GST-Arr-2-(25-161)	Forward: ATATCCCGGGCGGGACTTTGTGGACCAC Reverse: ATATCTCGAGCTACCGCTTGTGGATCTTCTCCTCCA

Supplemental Figures

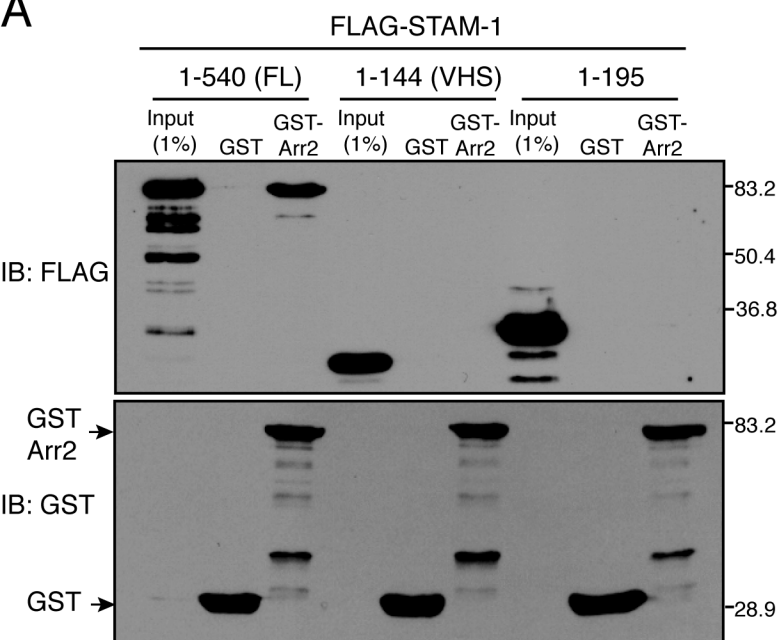
Supplemental Figure S1. (A-E) Equimolar amounts (~134 nM) of GST-arrestin-2 and GST immobilized on glutathione-Sepharose resin were incubated with lysates from HEK293 cells transiently transfected with various FLAG-STAM-1 constructs. Bound proteins were detected by immunoblotting using the anti-FLAG M2 antibody, followed by staining with Ponceau-S (B-E) or immunoblotting for GST (A) to assess the amount of GST fusion proteins used in the binding assays. Shown are representative blots from one of three independent experiments.

Supplemental Figure S2. Equimolar amounts (117 nM) of GST-STAM-1 and GST immobilized on glutathione-Sepharose resin were incubated with lysates from HEK293 cells transiently transfected with HA-arrestin-2 constructs. Bound proteins were detected by immunoblotting using the anti-HA antibody followed by staining with Ponceau-S to assess the amount of GST fusion proteins used in the binding assay. Shown are representative blots from one of three independent experiments.

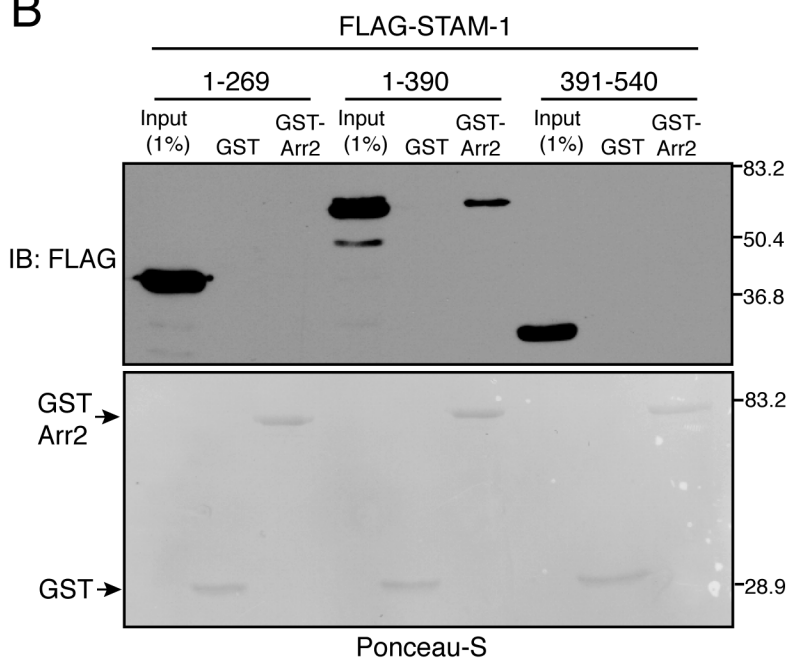
Supplemental Figure S3: (A) EGFR degradation was assessed in HeLa cells transfected with FLAG-STAM-1-GAT, FLAG-Arr-2-(25-161) or pCMV. Cells were treated with 100 ng/ml EFG for 1 hr followed by immunoblotting as described in Materials and methods. Shown are representative immunoblots from one of three independent experiments. (B) Bar graph represents that amount of EGFR degraded as compared to vehicle treated cells \pm S.E.M. from three independent experiments. Data were analyzed by one-way analysis of variance and were found not to be significantly different.

Malik and Marchese Supplementary Figure S1

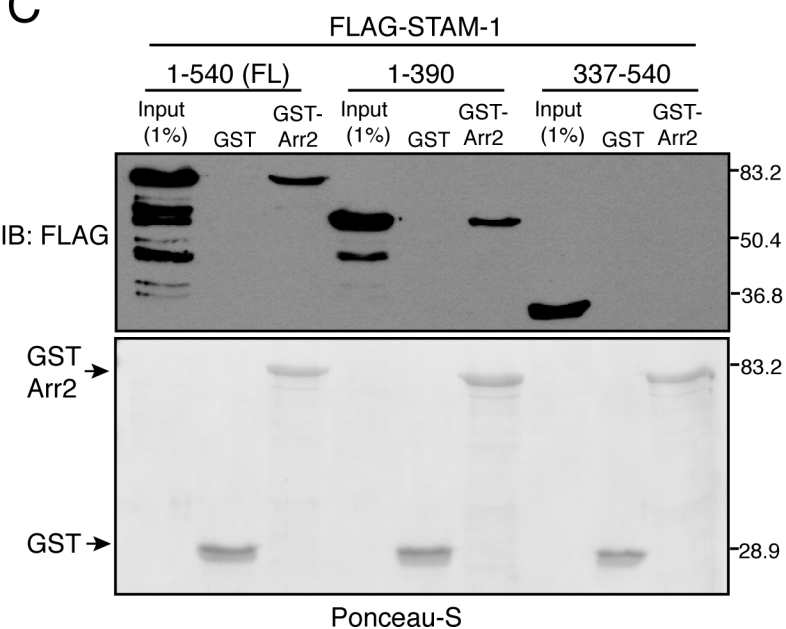
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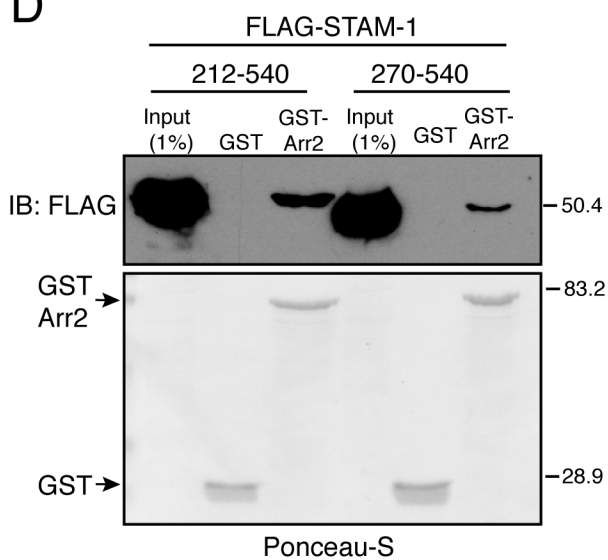
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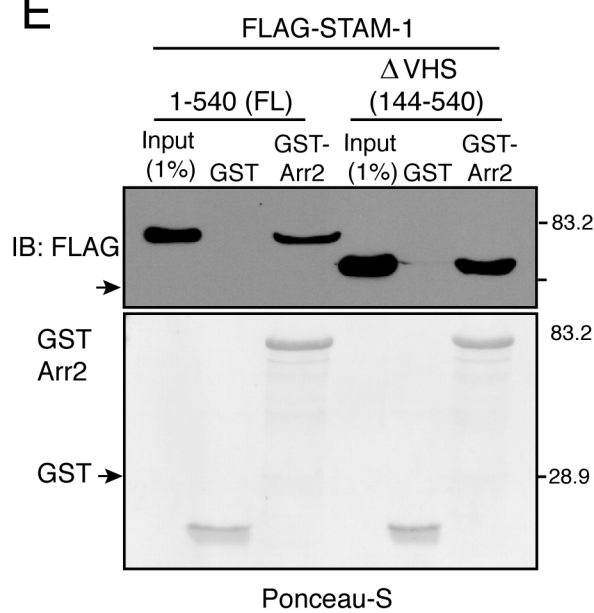
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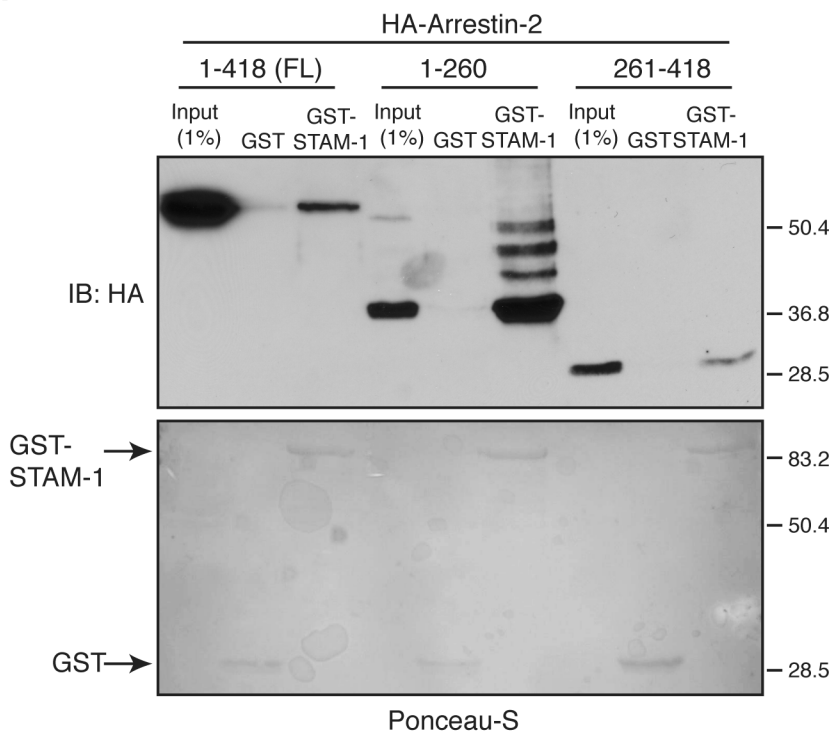
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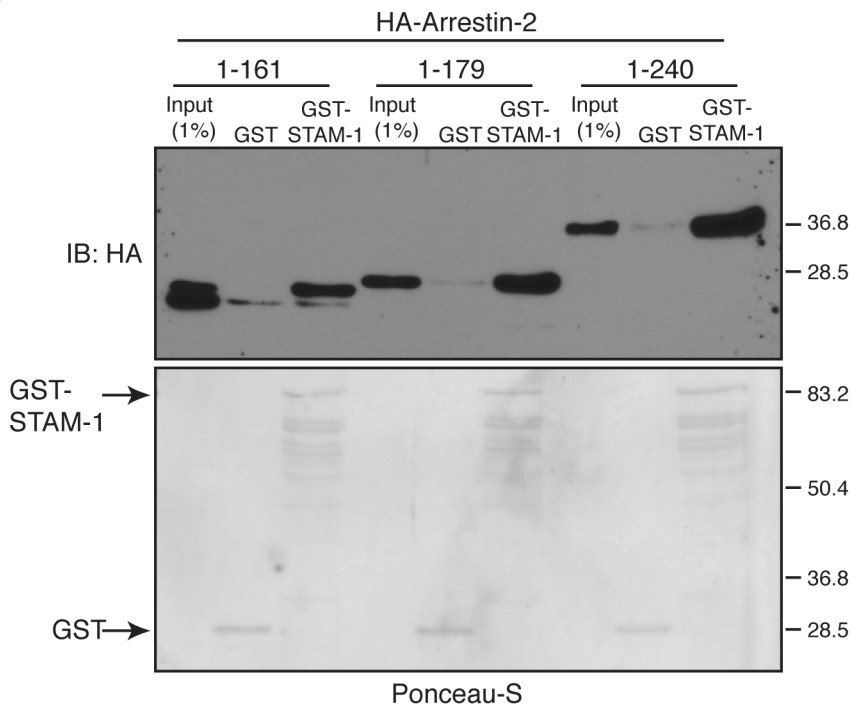
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A

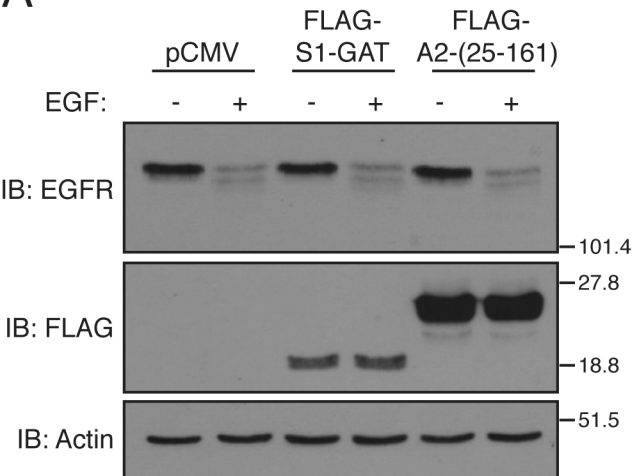


B



Malik and Marchese Supplementary Figure S3

A



B

