

Appendix

PPM1G forms a PPP-type phosphatase holoenzyme with B56δ that maintains adherens junction integrity

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List of Appendix Figure Legends and Figures:

Appendix Figure S1 legend

Appendix Figure S2 legend

Appendix Figure S3 legend

Appendix Figure S4 legend

Appendix Figure S1

Appendix Figure S2

Appendix Figure S3

Appendix Figure S4

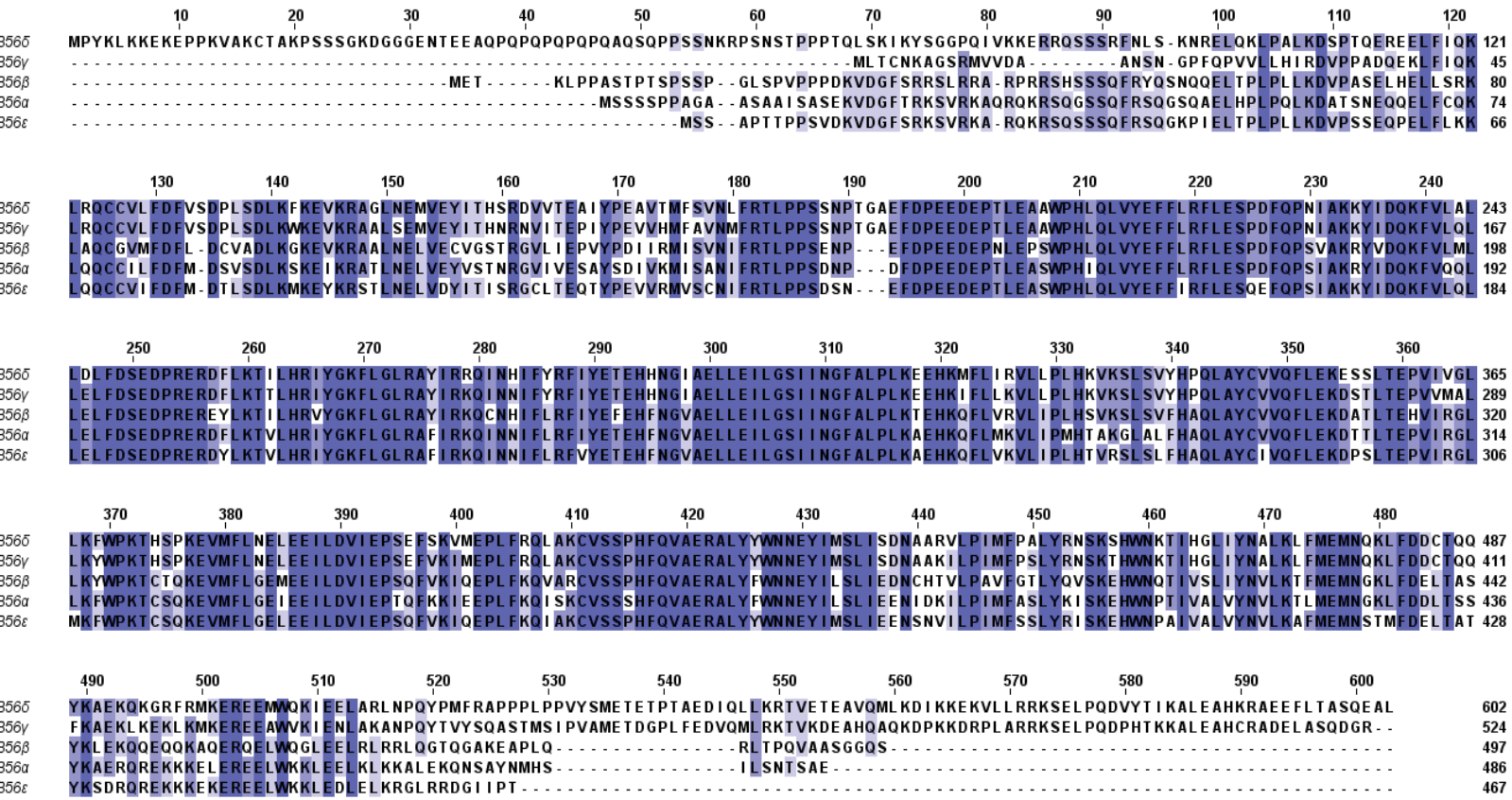
Appendix Figure S1: Multiple sequence alignment of B56 family members generated using CLUSTAL-Omega is shown.

Appendix Figure S2: (A) Amount of PPM1G in cytoplasmic and nuclear fractions was calculated by quantifying the data by using ImageJ from figure 2D, (n=2 independent experiments). (B) Quantification of data from figure 2E, derived by using ImageJ is shown (n=2 independent experiments).

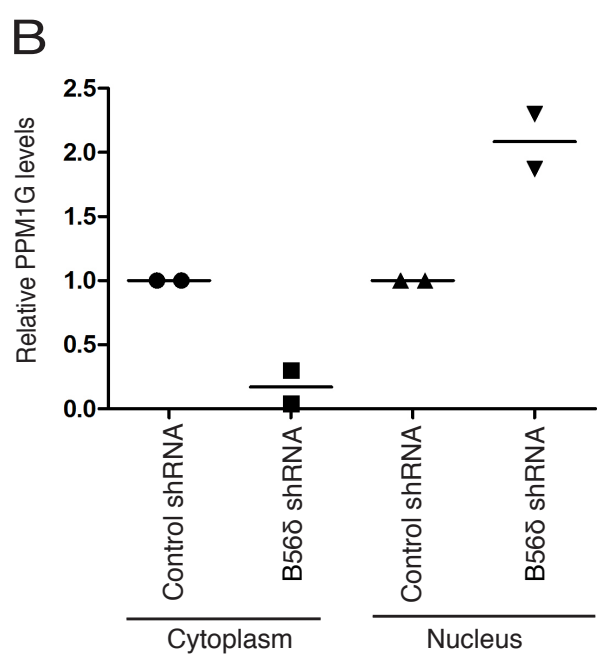
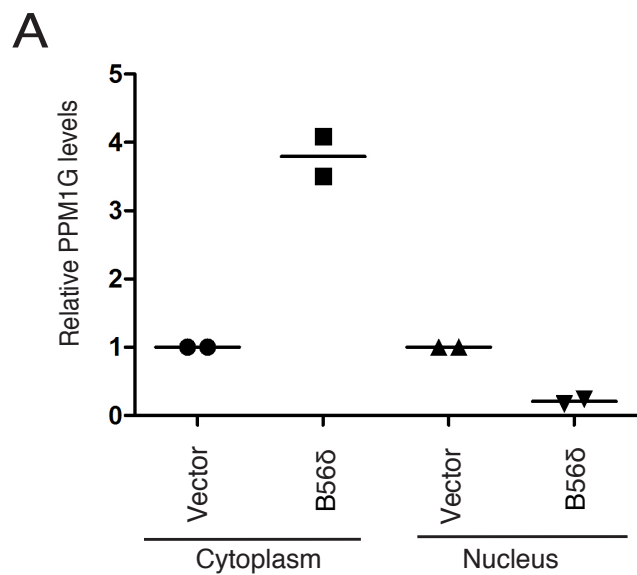
Appendix Figure S3: (A-K) Quantification of data from (A) figure 3B, (B) figure 3E, (C) figure 3F, (D) figure 3G, (E) figure 3H, (F) figure 3I, (G) figure 3J, (H) figure 3K, (I) figure 3L, (J) figure 3M and (K) figure EV5B derived by using ImageJ is shown (n=2 independent experiments).

Appendix Figure S4: (A-C) Cells transduced with either control or specific indicated siRNA/shRNAs were fixed and immunostained with (A) PPM1G, (B) α -catenin and (C) β -catenin antibodies and imaged by using a confocal microscope. Scale bars, 10 μ m.

Appendix Figure S1

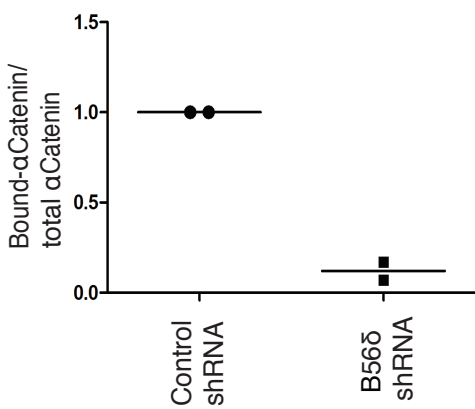


Appendix Figure S2

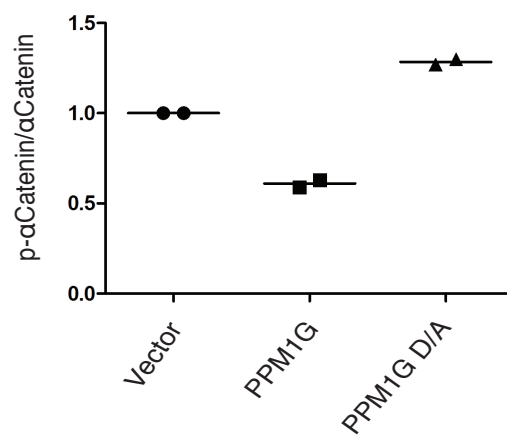


Appendix Figure S3

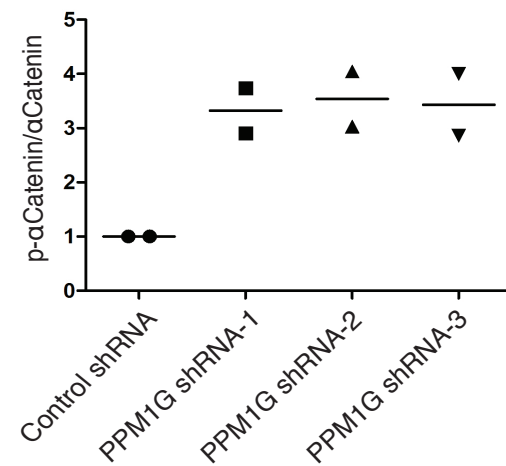
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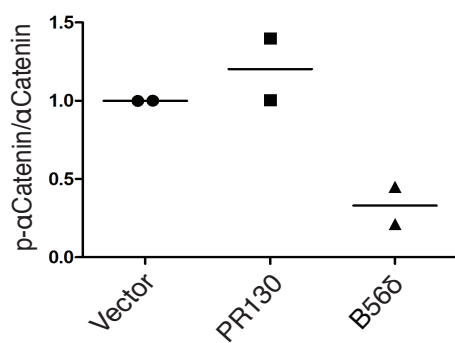
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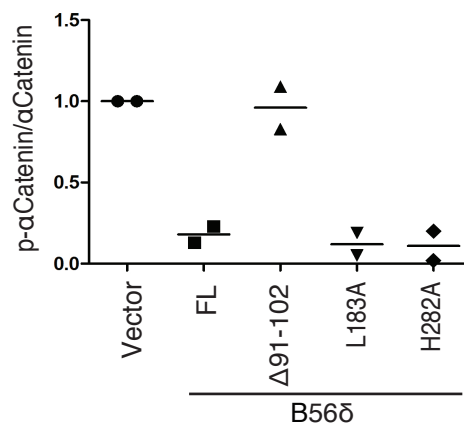
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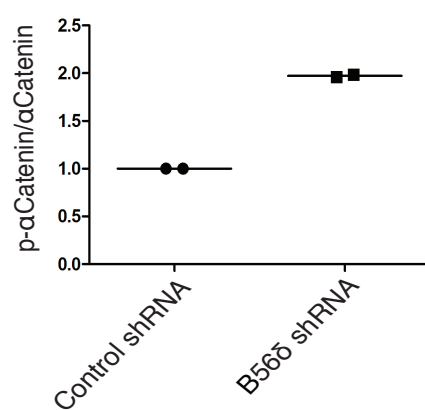
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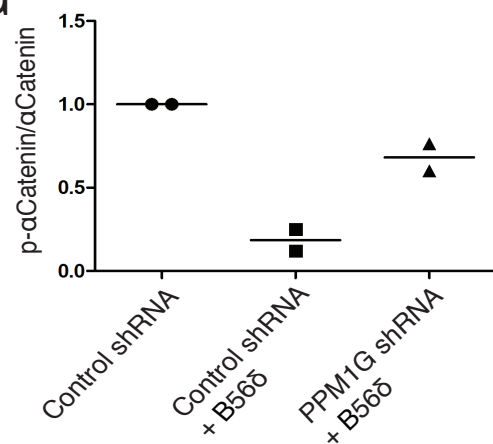
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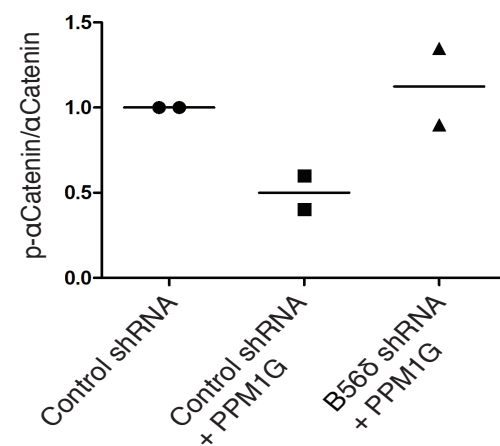
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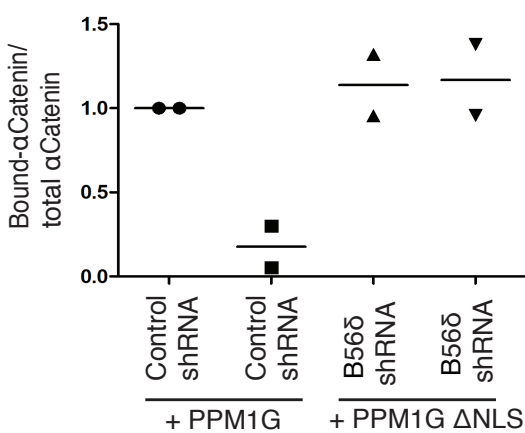
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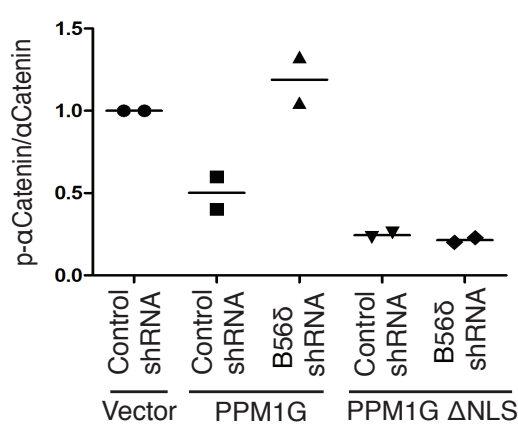
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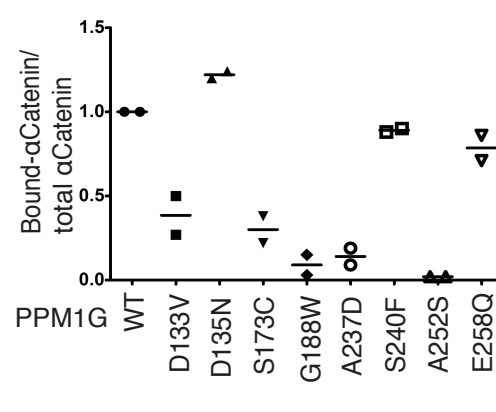
I



J



K



Appendix Figure S4

