Supplementary Note 2: Supporting Tables for Statistical Tests on VinTS and VinCS Data

In this supplemental note, we provide supporting tables for the statistical tests performed on experiments with VinTS or VinCS that were presented separately over more than one figure. Table S1 and Figure S1 include MDCK II VinTS and VinTS-I997A data from Fig 1 and Extended Data Fig 4 in the paper. Table S2 and Figure S2 include MDCK II and MDCK Parental VinCS data from Fig 1, Extended Data Fig 2, and Extended Data Fig 3 in the paper. Table S3 and Figure S3 include MDCK Parental VinTS, VinTS-I997A, and VinTS-Y822F data from Fig Extended Data Fig 3, Extended Data Fig 4, Extended Data Fig 5, and Extended Data Fig 6. Table S4 includes MDCK Parental VinTS S1033 mutant data from Fig 2 and Extended Data Fig 7. Table S5 includes MDCK Parental VinCS S1033 mutant data from Fig 2 and Extended Data Fig 7 and MDCK Parental VinCS data in Fig Extended Data Fig 5. See Methods section of the paper for statistical methods.

Table S1. P-values from Steel-Dwass Test for MDCK II VinTS and VinTS-I997A Mean Eff in Fig 1 and Extended Data Fig 4

Levine's test for unequal variance was significant, so Welch's ANOVA was conducted. P-value of Welch's ANOVA was significant, so post-hoc tests were conducted using Steel-Dwass all pairs multiple comparison. Levels are labeled as [Cell Type]_[Construct]_[Condition]_[Structure].

Level	- Level	p-Value
MDCKII_VinTSI997A_Live_ApicalCyto	MDCKII_VinTSI997A_Live_AJ	0.9831
MDCKII_VinTS_Live_ApicalCyto	MDCKII_VinTS_Live_AJ	1
MDCKII_VinTSI997A_Live_FA	MDCKII_VinTSI997A_Live_AJ	0.9961
MDCKII_VinTSI997A_Live_FA	MDCKII_VinTSI997A_Live_ApicalCyto	0.8415
MDCKII_VinTS_Live_ApicalCyto	MDCKII_VinTSI997A_Live_AJ	<.0001
MDCKII_VinTS_Live_AJ	MDCKII_VinTSI997A_Live_AJ	<.0001
MDCKII_VinTS_Live_ApicalCyto	MDCKII_VinTSI997A_Live_ApicalCyto	<.0001
MDCKII_VinTS_Live_AJ	MDCKII_VinTSI997A_Live_ApicalCyto	<.0001
MDCKII_VinTS_Live_ApicalCyto	MDCKII_VinTSI997A_Live_FA	<.0001
MDCKII_VinTS_Live_AJ	MDCKII_VinTSI997A_Live_FA	<.0001
MDCKII_VinTS_Live_FA	MDCKII_VinTS_Live_ApicalCyto	<.0001
MDCKII_VinTS_Live_FA	MDCKII_VinTS_Live_AJ	<.0001
MDCKII_VinTS_Live_FA	MDCKII_VinTSI997A_Live_AJ	<.0001
MDCKII_VinTS_Live_FA	MDCKII_VinTSI997A_Live_ApicalCyto	<.0001
MDCKII_VinTS_Live_FA	MDCKII_VinTSI997A_Live_FA	<.0001

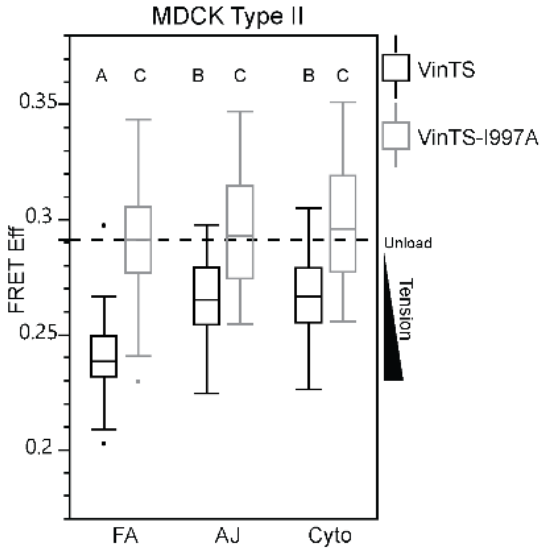

Figure S1. Combined box plot of MDCK II VinTS and VinTS-I997A data from Fig 1 and Extended Data Fig 4 corresponding to Table S1. Differences between groups were detected using the Steel-Dwass test. Levels not connected by the same letter are significantly different

Table S2. P-values from Steel-Dwass Test for VinCS Mean Eff in Figures 1, Extended Data Fig 2, and Extended Data Fig 3

Levine's test for unequal variance was significant, so Welch's ANOVA was conducted. P-value of Welch's ANOVA was significant, so post-hoc tests were conducted using Steel-Dwass all pairs multiple comparison. Levels are labeled as [Cell Type]_[Construct]_[Condition]_[Structure].

Level	- Level	p-Value
pMDCK_VinCS_Live_pL	pMDCK_VinCS_Live_FA	<.0001
pMDCK_VinCS_Live_pL	MDCKII_VinCS_Live_FA	<.0001
pMDCK_VinCS_Live_pL	pMDCK_VinCS_Live_AJ	<.0001
pMDCK_VinCS_Live_pL	MDCKII_VinCS_Live_AJ	<.0001
pMDCK_VinCS_Live_pL	pMDCK_VinCS_Live_ApicalCyto	<.0001
pMDCK_VinCS_Live_pL	MDCKII_VinCS_Live_ApicalCyto	<.0001
pMDCK_VinCS_Live_ApicalCyto	pMDCK_VinCS_Live_FA	<.0001
pMDCK_VinCS_Live_AJ	pMDCK_VinCS_Live_FA	<.0001
MDCKII_VinCS_Live_ApicalCyto	MDCKII_VinCS_Live_FA	<.0001
pMDCK_VinCS_Live_ApicalCyto	MDCKII_VinCS_Live_FA	<.0001
MDCKII_VinCS_Live_AJ	MDCKII_VinCS_Live_FA	<.0001
pMDCK_VinCS_Live_ApicalCyto	pMDCK_VinCS_Live_AJ	<.0001
pMDCK_VinCS_Live_AJ	MDCKII_VinCS_Live_FA	<.0001
MDCKII_VinCS_Live_ApicalCyto	MDCKII_VinCS_Live_AJ	0.0716
pMDCK_VinCS_Live_ApicalCyto	MDCKII_VinCS_Live_AJ	0.9951
pMDCK_VinCS_Live_ApicalCyto	MDCKII_VinCS_Live_ApicalCyto	0.5277
pMDCK_VinCS_Live_AJ	MDCKII_VinCS_Live_AJ	0.0008
pMDCK_VinCS_Live_AJ	MDCKII_VinCS_Live_ApicalCyto	<.0001
pMDCK_VinCS_Live_FA	MDCKII_VinCS_Live_FA	<.0001
pMDCK_VinCS_Live_FA	MDCKII_VinCS_Live_AJ	<.0001
pMDCK_VinCS_Live_FA	MDCKII_VinCS_Live_ApicalCyto	<.0001

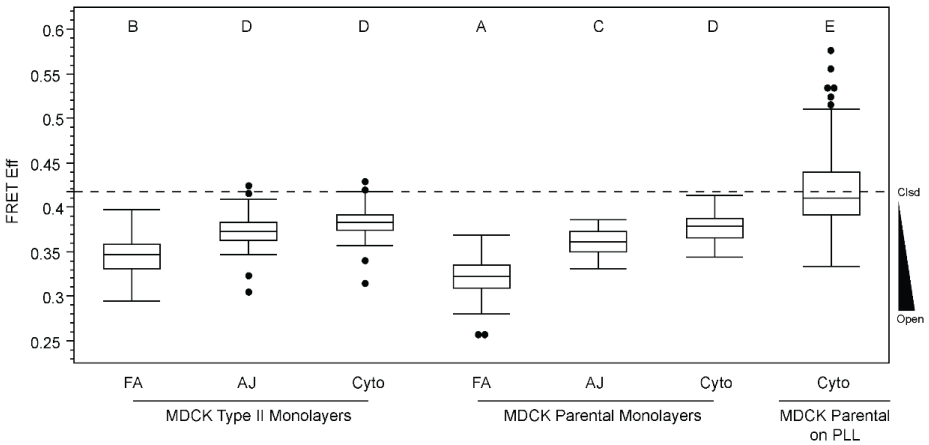

Figure S2. Combined box plot of MDCK II and MDCK Parental VinCS data from Fig 1, Extended Data Fig 2, and Extended Data Fig 3 corresponding to Table S2. Differences between groups were detected using the Steel-Dwass test. Levels not connected by the same letter are significantly different**.**

Table S3. P-values from Steel-Dwass Test for Parental MDCK VinTS, VinTS-I997A, and VinTS-Y822F Mean Eff in Fig Extended Data Fig 3, Extended Data Fig 4, Extended Data Fig 5, Extended Data Fig 6

Levine's test for unequal variance was significant, so Welch's ANOVA was conducted. P-value of Welch's ANOVA was significant, so post-hoc tests were conducted using Steel-Dwass all pairs multiple comparison. Levels are labeled as [Cell Type]_[Construct]_[Condition]_[Structure].

Level	- Level	p-Value
pMDCK_VinTSY822F_Fix_ApicalCyto	pMDCK_VinTS_Fix_FA	<.0001
pMDCK_VinTSY822F_Fix_ApicalCyto	pMDCK_VinTS_Fix_AJ	0.0009
pMDCK_VinTSY822F_Fix_AJ	pMDCK_VinTS_Fix_FA	0.0039
pMDCK_VinTS_Live_ApicalCyto	pMDCK_VinTS_Fix_FA	0.0178
pMDCK_VinTSY822F_Fix_ApicalCyto	pMDCK_VinTS_Live_FA	<.0001
pMDCK_VinTSI997A_Live_ApicalCyto	pMDCK_VinTSI997A_Fix_FA	0.0016
pMDCK_VinTS_Fix_ApicalCyto	pMDCK_VinTS_Fix_AJ	0.3947
pMDCK_VinTSY822F_Fix_AJ	pMDCK_VinTS_Fix_AJ	0.6251
pMDCK_VinTSY822F_Fix_AJ	pMDCK_VinTS_Live_FA	0.0517
pMDCK_VinTSY822F_Fix_ApicalCyto	pMDCK_VinTS_Fix_ApicalCyto	0.6149
pMDCK_VinTS_Live_AJ	pMDCK_VinTS_Fix_FA	0.6909
pMDCK_VinTSI997A_Fix_ApicalCyto	pMDCK_VinTSI997A_Fix_AJ	0.2442
pMDCK_VinTSI997A_Live_AJ	pMDCK_VinTSI997A_Fix_FA	0.0779
pMDCK_VinTSY822F_Fix_ApicalCyto	pMDCK_VinTS_Live_AJ	0.1259
pMDCK_VinTS_Live_ApicalCyto	pMDCK_VinTS_Fix_AJ	0.9164
pMDCK_VinTSY822F_Fix_ApicalCyto	pMDCK_VinTSY822F_Fix_AJ	0.5791
pMDCK_VinTSI997A_Live_FA	pMDCK_VinTSI997A_Fix_FA	0.703
pMDCK_VinTSY822F_Fix_ApicalCyto	pMDCK_VinTS_Live_ApicalCyto	0.823
pMDCK_VinTSI997A_Live_ApicalCyto	pMDCK_VinTSI997A_Fix_AJ	0.9945
pMDCK_VinTSY822F_Fix_AJ	pMDCK_VinTS_Live_AJ	0.9898
pMDCK_VinTS_Live_ApicalCyto	pMDCK_VinTS_Live_AJ	0.9924
pMDCK_VinTSI997A_Live_ApicalCyto	pMDCK_VinTSI997A_Live_AJ	0.9986
pMDCK_VinTS_Live_AJ	pMDCK_VinTS_Fix_AJ	1
pMDCK_VinTS_Live_FA	pMDCK_VinTS_Fix_FA	1
pMDCK_VinTSY822F_Fix_AJ	pMDCK_VinTS_Fix_ApicalCyto	1
pMDCK_VinTSI997A_Live_AJ	pMDCK_VinTSI997A_Fix_AJ	1
pMDCK_VinTSY822F_Fix_AJ	pMDCK_VinTS_Live_ApicalCyto	1
pMDCK_VinTS_Live_ApicalCyto	pMDCK_VinTS_Fix_ApicalCyto	1
pMDCK_VinTSY822F_Fix_FA	pMDCK_VinTS_Live_FA	1
pMDCK_VinTSY822F_Fix_FA	pMDCK_VinTS_Fix_FA	1
pMDCK_VinTSI997A_Live_ApicalCyto	pMDCK_VinTSI997A_Fix_ApicalCyto	1
pMDCK_VinTSI997A_Live_FA	pMDCK_VinTSI997A_Live_AJ	0.9961
pMDCK_VinTSI997A_Live_FA	pMDCK_VinTSI997A_Fix_AJ	0.9361
pMDCK_VinTSI997A_Live_FA	pMDCK_VinTSI997A_Live_ApicalCyto	0.5054
pMDCK_VinTSY822F_Fix_ApicalCyto	pMDCK_VinTSI997A_Fix_FA	0.913

pMDCK_VinTS_Live_FA	pMDCK_VinTS_Live_AJ	0.8027
pMDCK_VinTSI997A_Live_AJ	pMDCK_VinTSI997A_Fix_ApicalCyto	0.8574
pMDCK_VinTSY822F_Fix_FA	pMDCK_VinTS_Live_AJ	0.5832
pMDCK_VinTS_Live_AJ	pMDCK_VinTS_Fix_ApicalCyto	0.9653
pMDCK_VinTS_Live_FA	pMDCK_VinTS_Fix_AJ	0.8181
pMDCK_VinTSY822F_Fix_ApicalCyto	pMDCK_VinTSI997A_Live_FA	0.0741
pMDCK_VinTSY822F_Fix_FA	pMDCK_VinTS_Live_ApicalCyto	0.0231
pMDCK_VinTS_Live_FA	pMDCK_VinTS_Live_ApicalCyto	0.0764
pMDCK_VinTS_Live_ApicalCyto	pMDCK_VinTSI997A_Fix_FA	0.028
pMDCK_VinTS_Live_ApicalCyto	pMDCK_VinTSI997A_Live_FA	0.002
pMDCK_VinTSY822F_Fix_AJ	pMDCK_VinTSI997A_Live_FA	0.0003
pMDCK_VinTSY822F_Fix_FA	pMDCK_VinTSY822F_Fix_AJ	0.0008
pMDCK_VinTSY822F_Fix_ApicalCyto	pMDCK_VinTSI997A_Live_AJ	0.0025
pMDCK_VinTS_Live_ApicalCyto	pMDCK_VinTSI997A_Live_AJ	0.0002
pMDCK_VinTSY822F_Fix_AJ	pMDCK_VinTSI997A_Live_AJ	<.0001
pMDCK_VinTSI997A_Live_FA	pMDCK_VinTSI997A_Fix_ApicalCyto	0.0084
pMDCK_VinTSY822F_Fix_FA	pMDCK_VinTS_Fix_AJ	0.291
pMDCK_VinTSY822F_Fix_AJ	pMDCK_VinTSI997A_Fix_FA	0.001
pMDCK_VinTS_Live_AJ	pMDCK_VinTSI997A_Live_FA	<.0001
pMDCK_VinTS_Live_AJ	pMDCK_VinTSI997A_Live_AJ	<.0001
pMDCK_VinTSY822F_Fix_AJ	pMDCK_VinTSI997A_Live_ApicalCyto	<.0001
pMDCK_VinTSY822F_Fix_ApicalCyto	pMDCK_VinTSI997A_Live_ApicalCyto	0.0001
pMDCK_VinTS_Live_ApicalCyto	pMDCK_VinTSI997A_Live_ApicalCyto	<.0001
pMDCK_VinTS_Fix_FA	pMDCK_VinTS_Fix_AJ	0.2437
pMDCK_VinTS_Live_AJ	pMDCK_VinTSI997A_Fix_FA	0.0002
pMDCK_VinTS_Live_AJ	pMDCK_VinTSI997A_Live_ApicalCyto	<.0001
pMDCK_VinTSY822F_Fix_FA	pMDCK_VinTSI997A_Live_AJ	<.0001
pMDCK_VinTSI997A_Fix_FA	pMDCK_VinTSI997A_Fix_AJ	0.0005
pMDCK_VinTSY822F_Fix_FA	pMDCK_VinTSI997A_Live_ApicalCyto	<.0001
pMDCK_VinTSY822F_Fix_FA	pMDCK_VinTSY822F_Fix_ApicalCyto	<.0001
pMDCK_VinTSY822F_Fix_FA	pMDCK_VinTSI997A_Live_FA	<.0001
pMDCK_VinTS_Live_FA	pMDCK_VinTS_Fix_ApicalCyto	0.0096
pMDCK_VinTS_Live_FA	pMDCK_VinTSI997A_Live_FA	<.0001
pMDCK_VinTS_Live_FA	pMDCK_VinTSI997A_Live_AJ	<.0001
pMDCK_VinTSY822F_Fix_ApicalCyto	pMDCK_VinTSI997A_Fix_AJ	<.0001
pMDCK_VinTS_Fix_ApicalCyto	pMDCK_VinTSI997A_Fix_FA	0.0012
pMDCK_VinTSY822F_Fix_FA	pMDCK_VinTS_Fix_ApicalCyto	0.0011
pMDCK_VinTS_Live_FA	pMDCK_VinTSI997A_Live_ApicalCyto	<.0001
pMDCK_VinTSY822F_Fix_FA	pMDCK_VinTSI997A_Fix_FA	<.0001
pMDCK_VinTS_Live_ApicalCyto	pMDCK_VinTSI997A_Fix_AJ	<.0001
pMDCK_VinTS_Live_FA	pMDCK_VinTSI997A_Fix_FA	<.0001

pMDCK_VinTSI997A_Fix_FA	pMDCK_VinTSI997A_Fix_ApicalCyto	<.0001
pMDCK_VinTS_Fix_ApicalCyto	pMDCK_VinTSI997A_Live_FA	0.0002
pMDCK_VinTSY822F_Fix_AJ	pMDCK_VinTSI997A_Fix_AJ	<.0001
pMDCK_VinTS_Live_AJ	pMDCK_VinTSI997A_Fix_AJ	<.0001
pMDCK_VinTSY822F_Fix_ApicalCyto	pMDCK_VinTSI997A_Fix_ApicalCyto	<.0001
pMDCK_VinTS_Live_ApicalCyto	pMDCK_VinTSI997A_Fix_ApicalCyto	<.0001
pMDCK_VinTS_Fix_FA	pMDCK_VinTS_Fix_ApicalCyto	<.0001
pMDCK_VinTS_Live_AJ	pMDCK_VinTSI997A_Fix_ApicalCyto	<.0001
pMDCK_VinTSY822F_Fix_AJ	pMDCK_VinTSI997A_Fix_ApicalCyto	<.0001
pMDCK_VinTS_Fix_ApicalCyto	pMDCK_VinTSI997A_Live_AJ	<.0001
pMDCK_VinTSY822F_Fix_FA	pMDCK_VinTSI997A_Fix_AJ	<.0001
pMDCK_VinTSY822F_Fix_FA	pMDCK_VinTSI997A_Fix_ApicalCyto	<.0001
pMDCK_VinTS_Fix_AJ	pMDCK_VinTSI997A_Live_FA	<.0001
pMDCK_VinTS_Fix_AJ	pMDCK_VinTSI997A_Fix_FA	<.0001
pMDCK_VinTS_Fix_ApicalCyto	pMDCK_VinTSI997A_Live_ApicalCyto	<.0001
pMDCK_VinTS_Live_FA	pMDCK_VinTSI997A_Fix_AJ	<.0001
pMDCK_VinTS_Fix_AJ	pMDCK_VinTSI997A_Live_AJ	<.0001
pMDCK_VinTS_Live_FA	pMDCK_VinTSI997A_Fix_ApicalCyto	<.0001
pMDCK_VinTS_Fix_FA	pMDCK_VinTSI997A_Live_FA	<.0001
pMDCK_VinTS_Fix_AJ	pMDCK_VinTSI997A_Live_ApicalCyto	<.0001
pMDCK_VinTS_Fix_FA	pMDCK_VinTSI997A_Fix_FA	<.0001
pMDCK_VinTS_Fix_FA	pMDCK_VinTSI997A_Live_AJ	<.0001
pMDCK_VinTS_Fix_ApicalCyto	pMDCK_VinTSI997A_Fix_AJ	<.0001
pMDCK_VinTS_Fix_FA	pMDCK_VinTSI997A_Live_ApicalCyto	<.0001
pMDCK_VinTS_Fix_ApicalCyto	pMDCK_VinTSI997A_Fix_ApicalCyto	<.0001
pMDCK_VinTS_Fix_AJ	pMDCK_VinTSI997A_Fix_AJ	<.0001
pMDCK_VinTS_Fix_FA	pMDCK_VinTSI997A_Fix_AJ	<.0001
pMDCK_VinTS_Fix_AJ	pMDCK_VinTSI997A_Fix_ApicalCyto	<.0001
pMDCK_VinTS_Fix_FA	pMDCK_VinTSI997A_Fix_ApicalCyto	<.0001

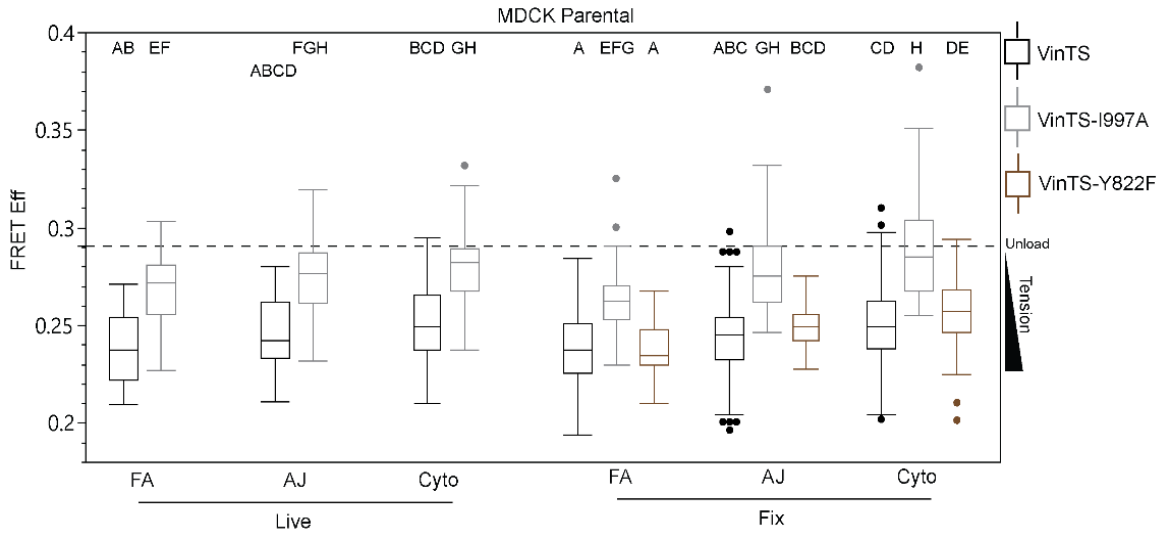

Figure S3. Combined box plot of MDCK Parental VinTS, VinTS-I997A, and VinTS-Y822F data from Fig Extended Data Fig 3, Extended Data Fig 4, Extended Data Fig 5, and Extended Data Fig 6 corresponding to Table S3. Differences between groups were detected using the Steel-Dwass test. Levels not connected by the same letter are significantly different.

Table S4. P-values from Steel-Dwass Test for MDCK Parental VinTS S1033 Mutant FRET Eff in Fig 2 and Extended Data Fig 7

Levine's test for unequal variance was significant, so Welch's ANOVA was conducted. P-value of Welch's ANOVA was significant, so post-hoc tests were conducted using Steel-Dwass all pairs multiple comparison. Levels are labeled as [Cell Type]_[Construct]_[Condition]_[Structure].

Level	- Level	p-Value
pMDCK_VinTSS1033D_Fix_ApicalCyto	pMDCK_VinTS_Fix_FA	<.0001
pMDCK_VinTSS1033D_Fix_AJ	pMDCK_VinTS_Fix_FA	<.0001
pMDCK_VinTSS1033D_Fix_FA	pMDCK_VinTS_Fix_FA	<.0001
pMDCK_VinTSS1033D_Fix_ApicalCyto	pMDCK_VinTS_Fix_AJ	<.0001
pMDCK_VinTSS1033D_Fix_AJ	pMDCK_VinTS_Fix_AJ	<.0001
pMDCK_VinTSS1033D_Fix_ApicalCyto	pMDCK_VinTS_Fix_ApicalCyto	<.0001
pMDCK_VinTSS1033D_Fix_AJ	pMDCK_VinTS_Fix_ApicalCyto	<.0001
pMDCK_VinTSS1033D_Fix_ApicalCyto	pMDCK_VinTSS1033A_Fix_AJ	<.0001
pMDCK_VinTSS1033D_Fix_AJ	pMDCK_VinTSS1033A_Fix_AJ	<.0001
pMDCK_VinTSS1033D_Fix_ApicalCyto	pMDCK_VinTSS1033A_Fix_ApicalCyto	<.0001
pMDCK_VinTSS1033D_Fix_AJ	pMDCK_VinTSS1033A_Fix_ApicalCyto	<.0001
pMDCK_VinTSS1033D_Fix_ApicalCyto	pMDCK_VinTSS1033A_Fix_FA	<.0001
pMDCK_VinTSS1033D_Fix_AJ	pMDCK_VinTSS1033A_Fix_FA	<.0001
pMDCK_VinTSS1033D_Fix_FA	pMDCK_VinTS_Fix_AJ	<.0001
pMDCK_VinTSS1033D_Fix_FA	pMDCK_VinTSS1033A_Fix_AJ	<.0001
pMDCK_VinTSS1033D_Fix_FA	pMDCK_VinTSS1033A_Fix_FA	<.0001
pMDCK_VinTSS1033A_Fix_ApicalCyto	pMDCK_VinTS_Fix_FA	<.0001
pMDCK_VinTSS1033D_Fix_FA	pMDCK_VinTS_Fix_ApicalCyto	<.0001
pMDCK_VinTSS1033D_Fix_FA	pMDCK_VinTSS1033A_Fix_ApicalCyto	<.0001
pMDCK_VinTSS1033A_Fix_AJ	pMDCK_VinTS_Fix_FA	0.0029
pMDCK_VinTSS1033A_Fix_ApicalCyto	pMDCK_VinTSS1033A_Fix_AJ	0.4952
pMDCK_VinTS_Fix_ApicalCyto	pMDCK_VinTS_Fix_AJ	0.8893
pMDCK_VinTSS1033D_Fix_ApicalCyto	pMDCK_VinTSS1033D_Fix_AJ	0.8634
pMDCK_VinTSS1033A_Fix_FA	pMDCK_VinTS_Fix_FA	0.9974
pMDCK_VinTSS1033A_Fix_ApicalCyto	pMDCK_VinTS_Fix_AJ	0.9992
pMDCK_VinTSS1033A_Fix_ApicalCyto	pMDCK_VinTS_Fix_ApicalCyto	0.9994
pMDCK_VinTSS1033A_Fix_AJ	pMDCK_VinTS_Fix_AJ	0.7585
pMDCK_VinTSS1033A_Fix_FA	pMDCK_VinTSS1033A_Fix_AJ	0.2722
pMDCK_VinTSS1033A_Fix_AJ	pMDCK_VinTS_Fix_ApicalCyto	0.0879
pMDCK_VinTSS1033A_Fix_FA	pMDCK_VinTS_Fix_AJ	0.0062
pMDCK_VinTSS1033A_Fix_FA	pMDCK_VinTSS1033A_Fix_ApicalCyto	0.004
pMDCK_VinTSS1033A_Fix_FA	pMDCK_VinTS_Fix_ApicalCyto	0.0002
pMDCK_VinTSS1033D_Fix_FA	pMDCK_VinTSS1033D_Fix_AJ	<.0001
pMDCK_VinTSS1033D_Fix_FA	pMDCK_VinTSS1033D_Fix_ApicalCyto	<.0001
pMDCK_VinTS_Fix_FA	pMDCK_VinTS_Fix_AJ	<.0001
pMDCK_VinTS_Fix_FA	pMDCK_VinTS_Fix_ApicalCyto	<.0001

Table S5. P-values from Steel-Dwass Test for MDCK Parental VinCS S1033 Mutant Norm FRET Eff Data in Fig 2 and Extended Data Fig 7 and MDCK Parental VinCS Live Norm FRET Eff Data in Fig Extended Data Fig 5

Levine's test for unequal variance was significant, so Welch's ANOVA was conducted. P-value of Welch's ANOVA was significant, so post-hoc tests were conducted using Steel-Dwass all pairs multiple comparison. Levels are labeled as [Cell Type]_[Construct]_[Condition]_[Structure].

Level	- Level	p-Value
pMDCK_VinCSS1033D_Fix_ApicalCyto	pMDCK_VinCS_Fix_FA	<.0001
pMDCK_VinCSS1033D_Fix_AJ	pMDCK_VinCS_Fix_FA	<.0001
pMDCK_VinCSS1033D_Fix_FA	pMDCK_VinCS_Fix_FA	<.0001
pMDCK_VinCSS1033A_Fix_ApicalCyto	pMDCK_VinCS_Fix_FA	<.0001
pMDCK_VinCSS1033A_Fix_AJ	pMDCK_VinCS_Fix_FA	<.0001
pMDCK_VinCS_Live_ApicalCyto	pMDCK_VinCS_Fix_FA	<.0001
pMDCK_VinCS_Live_AJ	pMDCK_VinCS_Fix_FA	<.0001
pMDCK_VinCSS1033D_Fix_ApicalCyto	pMDCK_VinCS_Fix_AJ	<.0001
pMDCK_VinCSS1033D_Fix_AJ	pMDCK_VinCS_Live_FA	<.0001
pMDCK_VinCSS1033D_Fix_ApicalCyto	pMDCK_VinCS_Live_FA	<.0001
pMDCK_VinCSS1033D_Fix_AJ	pMDCK_VinCS_Fix_AJ	<.0001
pMDCK_VinCSS1033D_Fix_AJ	pMDCK_VinCSS1033A_Fix_FA	<.0001
pMDCK_VinCSS1033D_Fix_ApicalCyto	pMDCK_VinCSS1033A_Fix_FA	<.0001
pMDCK_VinCSS1033D_Fix_ApicalCyto	pMDCK_VinCS_Fix_ApicalCyto	<.0001
pMDCK_VinCSS1033D_Fix_FA	pMDCK_VinCS_Live_FA	<.0001
pMDCK_VinCSS1033D_Fix_AJ	pMDCK_VinCS_Fix_ApicalCyto	<.0001
pMDCK_VinCSS1033A_Fix_ApicalCyto	pMDCK_VinCS_Live_FA	<.0001
pMDCK_VinCSS1033D_Fix_FA	pMDCK_VinCSS1033A_Fix_FA	<.0001
pMDCK_VinCSS1033A_Fix_AJ	pMDCK_VinCS_Live_FA	<.0001
pMDCK_VinCSS1033A_Fix_ApicalCyto	pMDCK_VinCS_Fix_AJ	0.0019
pMDCK_VinCSS1033D_Fix_ApicalCyto	pMDCK_VinCS_Live_AJ	<.0001
pMDCK_VinCSS1033D_Fix_ApicalCyto	pMDCK_VinCSS1033A_Fix_AJ	0.0001
pMDCK_VinCSS1033D_Fix_AJ	pMDCK_VinCS_Live_AJ	<.0001
pMDCK_VinCSS1033D_Fix_AJ	pMDCK_VinCSS1033A_Fix_AJ	0.0004
pMDCK_VinCSS1033D_Fix_ApicalCyto	pMDCK_VinCS_Live_ApicalCyto	0.0029
pMDCK_VinCSS1033D_Fix_ApicalCyto	pMDCK_VinCSS1033A_Fix_ApicalCyto	0.0037
pMDCK_VinCS_Live_ApicalCyto	pMDCK_VinCS_Fix_AJ	0.056
pMDCK_VinCSS1033D_Fix_AJ	pMDCK_VinCSS1033A_Fix_ApicalCyto	0.0154
pMDCK_VinCSS1033D_Fix_AJ	pMDCK_VinCS_Live_ApicalCyto	0.0132
pMDCK_VinCS_Fix_ApicalCyto	pMDCK_VinCS_Fix_AJ	0.2385
pMDCK_VinCSS1033A_Fix_AJ	pMDCK_VinCS_Fix_AJ	0.2643
pMDCK_VinCSS1033A_Fix_ApicalCyto	pMDCK_VinCS_Fix_ApicalCyto	0.2975
pMDCK_VinCSS1033A_Fix_ApicalCyto	pMDCK_VinCS_Live_AJ	0.1499
pMDCK_VinCSS1033D_Fix_FA	pMDCK_VinCS_Fix_AJ	0.8036
pMDCK_VinCS_Live_ApicalCyto	pMDCK_VinCS_Fix_ApicalCyto	0.8678
pMDCK_VinCS_Live_ApicalCyto	pMDCK_VinCS_Live_AJ	0.5196

pMDCK_VinCSS1033A_Fix_ApicalCyto	pMDCK_VinCSS1033A_Fix_AJ	0.8365
pMDCK_VinCSS1033A_Fix_AJ	pMDCK_VinCS_Live_AJ	0.9721
pMDCK_VinCSS1033D_Fix_ApicalCyto	pMDCK_VinCSS1033D_Fix_AJ	0.9994
pMDCK_VinCS_Live_AJ	pMDCK_VinCS_Fix_AJ	0.9999
pMDCK_VinCSS1033A_Fix_AJ	pMDCK_VinCS_Fix_ApicalCyto	1
pMDCK_VinCSS1033A_Fix_ApicalCyto	pMDCK_VinCS_Live_ApicalCyto	1
pMDCK_VinCSS1033D_Fix_FA	pMDCK_VinCS_Live_AJ	1
pMDCK_VinCS_Live_FA	pMDCK_VinCS_Fix_FA	1
pMDCK_VinCSS1033A_Fix_FA	pMDCK_VinCS_Live_FA	0.9999
pMDCK_VinCSS1033A_Fix_AJ	pMDCK_VinCS_Live_ApicalCyto	0.9992
pMDCK_VinCSS1033D_Fix_FA	pMDCK_VinCS_Fix_ApicalCyto	0.9956
pMDCK_VinCSS1033A_Fix_FA	pMDCK_VinCS_Fix_FA	0.9935
pMDCK_VinCS_Live_AJ	pMDCK_VinCS_Fix_ApicalCyto	0.9836
pMDCK_VinCSS1033D_Fix_FA	pMDCK_VinCSS1033A_Fix_AJ	0.819
pMDCK_VinCSS1033D_Fix_FA	pMDCK_VinCS_Live_ApicalCyto	0.3375
pMDCK_VinCSS1033D_Fix_FA	pMDCK_VinCSS1033A_Fix_ApicalCyto	0.0145
pMDCK_VinCSS1033A_Fix_FA	pMDCK_VinCS_Live_AJ	<.0001
pMDCK_VinCS_Live_FA	pMDCK_VinCS_Live_AJ	<.0001
pMDCK_VinCSS1033A_Fix_FA	pMDCK_VinCS_Live_ApicalCyto	<.0001
pMDCK_VinCSS1033D_Fix_FA	pMDCK_VinCSS1033D_Fix_AJ	<.0001
pMDCK_VinCSS1033D_Fix_FA	pMDCK_VinCSS1033D_Fix_ApicalCyto	<.0001
pMDCK_VinCSS1033A_Fix_FA	pMDCK_VinCSS1033A_Fix_AJ	<.0001
pMDCK_VinCSS1033A_Fix_FA	pMDCK_VinCSS1033A_Fix_ApicalCyto	<.0001
pMDCK_VinCS_Live_FA	pMDCK_VinCS_Live_ApicalCyto	<.0001
pMDCK_VinCSS1033A_Fix_FA	pMDCK_VinCS_Fix_AJ	<.0001
pMDCK_VinCS_Live_FA	pMDCK_VinCS_Fix_AJ	<.0001
pMDCK_VinCSS1033A_Fix_FA	pMDCK_VinCS_Fix_ApicalCyto	<.0001
pMDCK_VinCS_Live_FA	pMDCK_VinCS_Fix_ApicalCyto	<.0001
pMDCK_VinCS_Fix_FA	pMDCK_VinCS_Fix_AJ	<.0001
pMDCK_VinCS_Fix_FA	pMDCK_VinCS_Fix_ApicalCyto	<.0001