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Correction

Dimeric Transmembrane Orientations of APP/C99 Regulate γ-Secretase Processing Line Impacting Signaling and Oligomerization

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https://doi.org/10.1016/j.isci.2021.102057

(iScience *23*, 101887-1–101887-20; December 18, 2020)

In Figure 6 of the originally published version of this article, the authors inadvertently left the wording "Didier" rather than replacing it with the actual numerical values. The authors have now added the relative numerical values that replace the word "Didier" in Figure 6. The authors sincerely apologize for this oversight.

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A

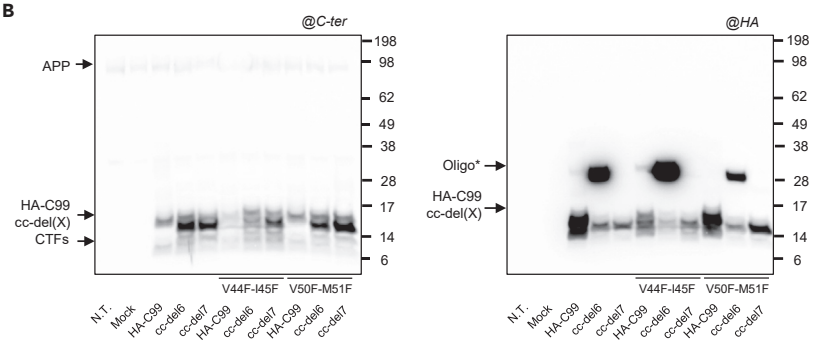
CHO
Culture medium

cc-del6

	Sequence	Confidence	Theoric MH+ [Da]	Measured MH+ [Da]	Delta m/z [Da]	Xcorr
C40	GAIIGLMVGGVV	High	1085.63873	1085.63689	-0.00092	2.48
C43	GAIIGLMVGGVVIAT	High	1386.8025	1386.79741	-0.00254	2.17

CHO
Cell lysates

B



C

cc-del6 V44F-I45F

	Sequence	Confidence	Theoric MH+ [Da]	Measured MH+ [Da]	Delta m/z [Da]	Xcorr
C46	GAIIGLMVGGVVIAT**FF**V	High	1764.0128	1764.068	-0.0059	-
C45	GAIIGLMVGGVVIAT**FF**	High	1664.9444	1664.95708	-0.01268	3.12

cc-del6 V50F-M51F

	Sequence	Confidence	Theoric MH+ [Da]	Measured MH+ [Da]	Delta m/z [Da]	Xcorr
C46	GAIIGLMVGGVVIATVIV	High	1694.0234	1694.0152	-0.0081	-
C43	GAIIGLMVGGVVIAT	High	1386.8025	1386.8167	+0.0142	-
C40	GAIIGLMVGGVV	High	1085.63873	1085.63872	-0,00001	3.18

D

MEFs
Cell lysates

PSEN1-/- cc-del7

	Sequence	Confidence	Theoric MH+ [Da]	Measured MH+ [Da]	Delta m/z [Da]	Xcorr
C39	GAIIGLMVGGV	High	986.5703	986.5880	-0.0023	-
C36	GAIIGLMV	High	773.4587	773.5689	-0.0013	-

PSEN2-/- cc-del7

	Sequence	Confidence	Theoric MH+ [Da]	Measured MH+ [Da]	Delta m/z [Da]	Xcorr
C39	GAIIGLMVGGV	High	986.5703	986.5880	-0.0023	-
C36	GAIIGLMV	Medium	773.4587	773.5689	-0.0013	-

Figure 6. Processing Lines Favored by cc-del6 and cc-del7 Orientations (corrected)

A

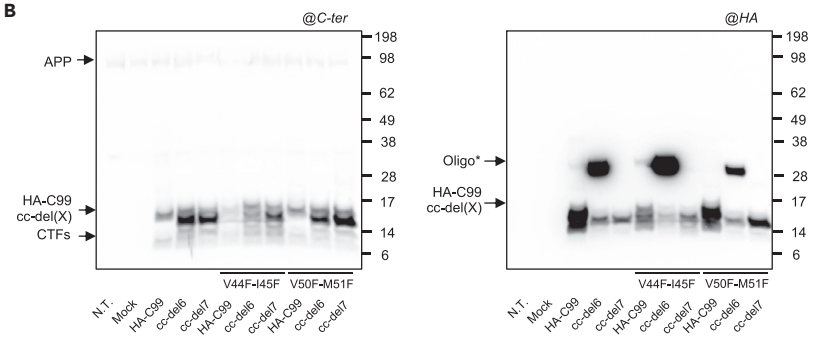
CHO
Culture medium

cc-del6

	Sequence	Confidence	Theoric MH+ [Da]	Measured MH+ [Da]	Delta m/z [Da]	Xcorr
C40	GAIIGLMVGGVV	High	1085.63873	1085.63689	-0.00092	2.48
C43	GAIIGLMVGGVVIAT	High	1386.8025	1386.79741	-0.00254	2.17

CHO
Cell lysates

B



C

cc-del6 V44F-I45F

	Sequence	Confidence	Theoric MH+ [Da]	Measured MH+ [Da]	Delta m/z [Da]	Xcorr
C46	GAIIGLMVGGVVIAT**FF**V	High	1764.0128	Didier	Didier	Didier
C45	GAIIGLMVGGVVIAT**FF**	High	1664.9444	1664.95708	-0.01268	3.12

cc-del6 V50F-M51F

	Sequence	Confidence	Theoric MH+ [Da]	Measured MH+ [Da]	Delta m/z [Da]	Xcorr
C46	GAIIGLMVGGVVIATVIV	High	1694.0234	Didier	Didier	Didier
C43	GAIIGLMVGGVVIAT	High	1386.8025	Didier	Didier	Didier
C40	GAIIGLMVGGVV	High	1085.63873	1085.63872	-0.00001	3.18

D

MEFs
Cell lysates

PSEN1-/- cc-del7

	Sequence	Confidence	Theoric MH+ [Da]	Measured MH+ [Da]	Delta m/z [Da]	Xcorr
C39	GAIIGLMVGGV	High	Didier	Didier	Didier	Didier
C36	GAIIGLMV	High	Didier	Didier	Didier	Didier

PSEN2-/- cc-del7

	Sequence	Confidence	Theoric MH+ [Da]	Measured MH+ [Da]	Delta m/z [Da]	Xcorr
C39	GAIIGLMVGGV	High	Didier	Didier	Didier	Didier
C36	GAIIGLMV	Medium?	Didier	Didier	Didier	Didier

Figure 6. Processing Lines Favored by cc-del6 and cc-del7 Orientations (original)