

Accepted Manuscript

Mutation-linked excessively tight interaction between the calmodulin-binding domain and c-terminal domain of the cardiac ryanodine receptor as a novel cause of catecholaminergic polymorphic ventricular tachycardia

Shigehiko Nishimura, MD, Takeshi Yamamoto, MD PhD, Yoshihide Nakamura, MD, Michiaki Kohno, MD, Yoriomi Hamada, MD, Yoko Sufu, MD, Go Fukui, MD, Takuma Nanno, MD, Hironori Ishiguchi, MD, Takayoshi Kato, MD PhD, Xiaojuan Xu, MD PhD, Makoto Ono, MD PhD, Tetsuro Oda, MD PhD, Shinichi Okuda, MD PhD, Shigeki Kobayashi, MD PhD, Masafumi Yano, MD PhD.

PII: S1547-5271(18)30101-2

DOI: [10.1016/j.hrthm.2018.02.006](https://doi.org/10.1016/j.hrthm.2018.02.006)

Reference: HRTM 7475

To appear in: *Heart Rhythm*

Received Date: 4 November 2017

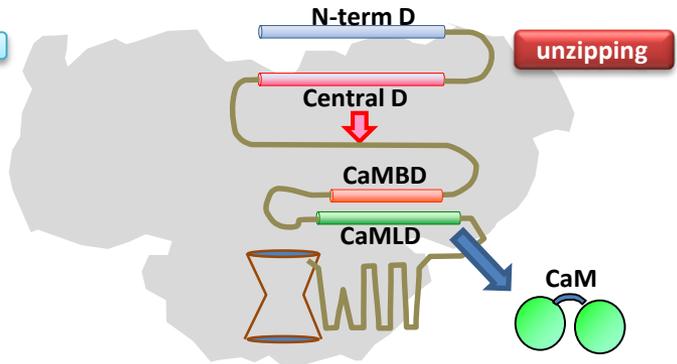
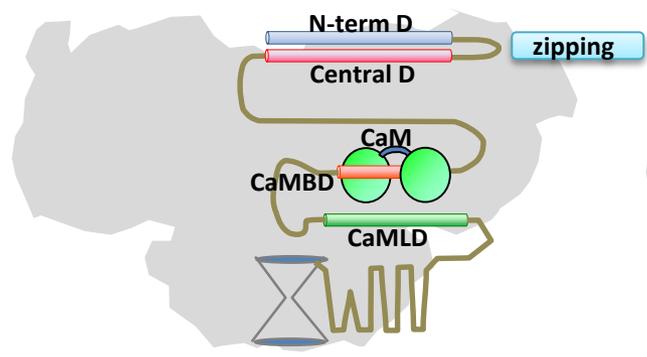
Please cite this article as: Nishimura S, Yamamoto T, Nakamura Y, Kohno M, Hamada Y, Sufu Y, Fukui G, Nanno T, Ishiguchi H, Kato T, Xu X, Ono M, Oda T, Okuda S, Kobayashi S, Yano M, Mutation-linked excessively tight interaction between the calmodulin-binding domain and c-terminal domain of the cardiac ryanodine receptor as a novel cause of catecholaminergic polymorphic ventricular tachycardia, *Heart Rhythm* (2018), doi: 10.1016/j.hrthm.2018.02.006.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

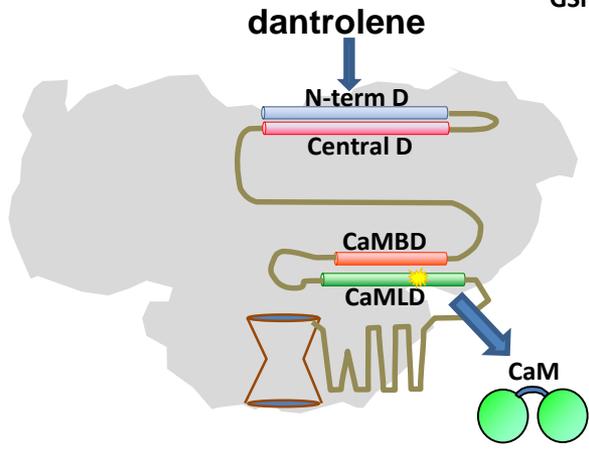
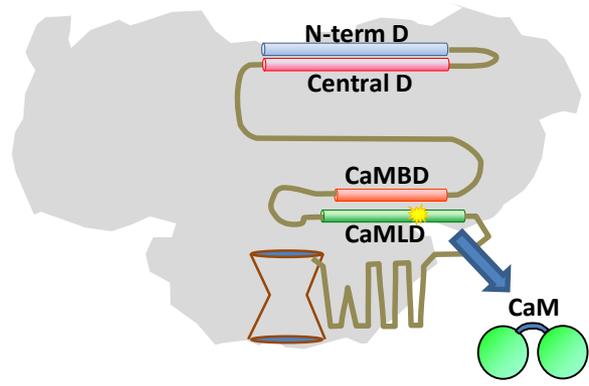


RyR2 WT

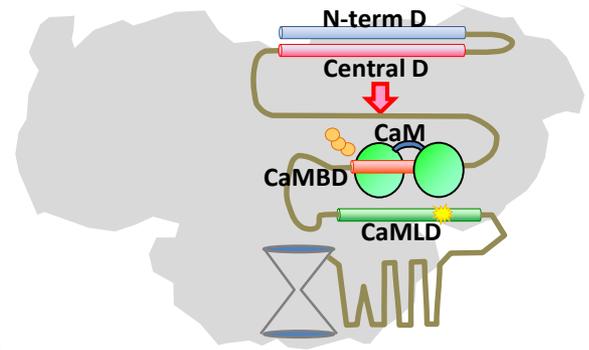
HF RYR2 R2474S



RyR2 N4103K



Gly Ser His
GSH-CaM (high affinity to RyR2)



Download English Version:

<https://daneshyari.com/en/article/8660176>

Download Persian Version:

<https://daneshyari.com/article/8660176>

[Daneshyari.com](https://daneshyari.com)