

Give the RASopathies Network a Treat this Halloween



Thank you so much for your support!

Between
October 16 – 31, 2014
text “**RARE**” to **85944**
and reply **YES**
to donate \$10 to advance
RASopathies research
and help Cinderella
dance at the ball.

Your \$10 donation is tax-
deductible *and* the EveryLife
Foundation will match
up to \$1,000.

RASopathies Network USA is a
501c3 Nonprofit Charity
<http://rasopathiesnet.org>

RASopathies

- A group of rare genetic conditions
 - Caused by mutations in genes of the Ras-MAPK pathway
 - Syndromes include:
 - Cardio-Facio-Cutaneous (CFC)
 - Costello (CS)
 - Legius
 - Neurofibromatosis type I (NFI)
 - Noonan (NS)
 - Noonan with Multiple Lentigines (NSML)/LEOPARD

- Syndromes share many clinical features
 - distinct facial features
 - developmental delays
 - cardiac defects
 - growth delays
 - neurologic issues
 - gastrointestinal difficulties

- Wide variance in prevalence, BUT as a group, RASopathies are among the most common genetic syndromes (~1:1000)