



# EPGP

## EPILEPSY PHENOME/GENOME PROJECT

A consortium of epilepsy centers and the NINDS working to identify genes that influence the development of epilepsy and pharmacoresponsiveness.

Questions? Referrals?

[www.epgp.org](http://www.epgp.org)

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## IGE / LRE Pairs

- Diagnosis of idiopathic generalized epilepsy (IGE) or localization-related epilepsy (LRE)
- Full-blooded **sibling, parent, or child** with idiopathic IGE or LRE (do not need to be concordant)
- Siblings are not identical twins (fraternal OK)
- No head injury, infection, stroke, other *acquired* causes, or *known* genetic mutation associated with epilepsy
- No significant developmental delay prior to seizure onset



## Triads

- Diagnosis of cryptogenic:
  - infantile spasms
  - Lennox-Gastaut Syndrome
  - polymicrogyria
  - periventricular heterotopia
- Both biological **parents** willing to participate
- Neither parent has epilepsy
- No *known* genetic mutation associated with epilepsy
- No history of head trauma, hypoxic encephalopathy, meningitis/encephalitis, or other *acquired* causes