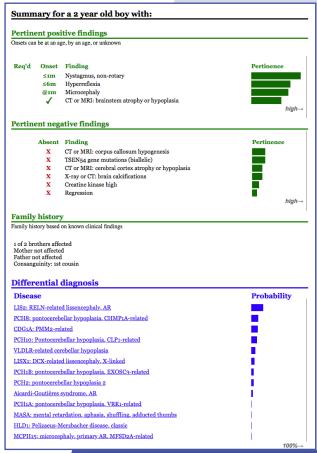
## Clinician tools for ordering gene tests

## Personalized Panel of useful genes to test for your patient



**Key Features** 

- "Personalized Panel" automatically generates a list of the useful genes to test, considering treatability and cost, and also documents the clinical rationale to be used with panels, exomes and exome slices
- Complete coverage of described Mendelian disorders, as well as many non-genetic disorders in neurology & rheumatology
- "Useful Findings" and "Useful Tests" prompts you about clinical findings and test results relevant to your patient
- "Disease Profile" and "Assess Disease" enable you to evaluate the rationale for the differential diagnosis
- "Summary" (shown) allows you to save to your desktop and later jump back in with the prior findings

Generated using patented SimulConsult\* software, database © 1998-2016.

All rights reserved.

## **Key Benefits**

**Focused on your patient.** Uses your patient's pertinent positive and negative findings to generate general and gene test recommendations

Fast. Get a simultaneous consult in seconds

**Accurate.** Reduces diagnostic errors by helping you consider uncommon presentations and rare diseases, and order the right tests

## **CONSULT** on test plan

Most useful tests for this patient

Top tests ranked by usefulness in narrowing the differential, taking into account cost and treatability

Order Tes

- ☐ CT or MRI: lissencephaly
- ☐ Bundle: Isoelectric focusing for transferrin glycosylation
- ☐ Transferrin hypoglycosylated; type 1 pattern
- ☐ CT or MRI: pontine atrophy or hypoplasia
- ☐ RELN gene mutations (biallelic)
- ☐ MRI: white matter abnormality

Personalized panel: Most useful genes to test for this patient

Top genes ranked by usefulness in narrowing the differential, taking into account cost and treatability

Order Tes

- ☐ RELN gene mutation (biallelic)
- ☐ CLP1 gene mutation (biallelic)
- ☐ CHMP1A gene mutation (biallelic)
- ☐ PMM2 gene mutation (biallelic)
- □ VLDLR gene mutation (biallelic
   □ DCX gene mutation (X-linked)
- DCX gene mutation (X-linked)
- ☐ RNASEH2B gene mutation (biallelic)
- ☐ L1CAM gene mutation (X-linked)
- □ VRK1 gene mutation (biallelic)
- → MFSD2A gene mutation (biallelic)
- ☐ PLP1 gene duplication (X-linked)
- ☐ TREX1 gene mutation (biallelic)



Email: panels@simulconsult.com to subscribe www.SimulConsult.com