Title: Primary Autosomal Recessive Microcephalies and Seckel Syndrome Spectrum Disorders *GeneReview* Tables 19 and 20

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Note: The following information is provided by the authors listed above and has not been reviewed by *GeneReviews* staff.

**Table 19. Published Pathogenic *NIN* Allelic Variants**

| DNA Nucleotide Change | Protein Amino Acid Change |
|---|---|
| (not available) | p.Gln1222Arg [Dauber et al 2012] |
| (not available) | p.Asn1709Ser [Dauber et al 2012] |

See Quick Reference for an explanation of nomenclature. *GeneReviews* follows the standard naming conventions of the Human Genome Variation Society (www.hgvs.org).

**Table 20. Published Pathogenic *NIN* Allelic Variants**

| DNA Nucleotide Change | Protein Amino Acid Change |
|---|---|
| (not available) [Dauber et al 2012] | p.Asn1709Ser |
| (not available) [Dauber et al 2012] | p.Gln1222Arg |

See Quick Reference for an explanation of nomenclature. *GeneReviews* follows the standard naming conventions of the Human Genome Variation Society (www.hgvs.org).

## References

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