



RESULT RECIPIENT
MIDWEST SPERM BANK
 Attn: Dr. Amos Madanes
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 Report Date: 10/31/2018

MALE
RS 514
 DOB: [REDACTED]
 Ethnicity: Mixed or Other
 Caucasian
 Sample Type: EDTA Blood
 Date of Collection: 10/23/2018
 Date Received: 10/26/2018
 Date Tested: 10/31/2018
 Barcode: 11004212509261
 Indication: Egg or sperm donor

FEMALE
 N/A

Foresight™ Carrier Screen

POSITIVE: CARRIER

ABOUT THIS TEST

The **Counsyl Foresight Carrier Screen** utilizes sequencing, maximizing coverage across all DNA regions tested, to help you learn about your chance to have a child with a genetic disease.

RESULTS SUMMARY

Risk Details	RS 514	Partner
Panel Information	Foresight Carrier Screen Universal Panel (175 conditions tested)	N/A
POSITIVE: CARRIER Hereditary Fructose Intolerance Reproductive Risk: 1 in 320 Inheritance: Autosomal Recessive	+ CARRIER* NM_000035.3(ALDOB):c.524C>A (A175D) heterozygote	The reproductive risk presented is based on a hypothetical pairing with a partner of the same ethnic group. Carrier testing should be considered. See "Next Steps".
POSITIVE: CARRIER Calpainopathy Reproductive Risk: 1 in 530 Inheritance: Autosomal Recessive	+ CARRIER* NM_000070.2(CAPN3):c.223dupT (Y75Lfs*5) heterozygote	The reproductive risk presented is based on a hypothetical pairing with a partner of the same ethnic group. Carrier testing should be considered. See "Next Steps".

*Carriers generally do not experience symptoms.

No disease-causing mutations were detected in any other gene tested. A complete list of all conditions tested can be found on page 8.

CLINICAL NOTES

- None

NEXT STEPS

- Carrier testing should be considered for the diseases specified above for the patient's partner, as both parents must be carriers before a child is at high risk of developing the disease.
- Genetic counseling is recommended and patients may wish to discuss any positive results with blood relatives, as there is an increased chance that they are also carriers.