

## PERSONAL HEALTH HISTORY SUMMARY

| CONSULTATION DATE | DONOR'S YEAR OF BIRTH |
|-------------------|-----------------------|
| 3/16/2022         | 1994                  |

| DONOR'S SELF-REPORTED ANCESTRIES |                  |
|----------------------------------|------------------|
| MATERNAL                         | PATERNAL         |
| Irish; English                   | German; Scottish |

| SIGNIFICANT SURGICAL HISTORY/HOSPITALIZATIONS                                                    |
|--------------------------------------------------------------------------------------------------|
| Has the donor ever had surgery? Yes                                                              |
| Procedures/indications and age(s), if applicable: Wisdom removal at age 18; Broken arm at age 10 |
| If applicable, was general anesthesia used? Yes, during wisdom teeth removal                     |
| Anesthesia-related complications, if applicable: None                                            |
| ALLERGIES                                                                                        |
| Does the donor have any allergies? No                                                            |
| If yes, please describe: N/A                                                                     |
| Does the donor have any food intolerances? No                                                    |
| If yes, please describe (e.g. lactose, gluten): N/A                                              |

## GENETIC FAMILY HISTORY SUMMARY

A three-generation family medical history was elicited from the donor by a certified genetic counselor and is summarized below. This information is collected to help evaluate the risk for inherited disorders in the donor's offspring and the donor's eligibility for participation in this donor program. It is provided to assist in donor selection but is not a guarantee of the health of any future child.

| NUMBER OF FAMILY MEMBERS |          |                    |                   |                    |                               |                   |                    |                               |
|--------------------------|----------|--------------------|-------------------|--------------------|-------------------------------|-------------------|--------------------|-------------------------------|
| SISTERS                  | BROTHERS | NIECES/<br>NEPHEWS | MATERNAL<br>AUNTS | MATERNAL<br>UNCLES | MATERNAL<br>FIRST-<br>COUSINS | PATERNAL<br>AUNTS | PATERNAL<br>UNCLES | PATERNAL<br>FIRST-<br>COUSINS |
| 2                        | 2        | 0                  | 2                 | 2                  | 3                             | 4                 | 2                  | unknown                       |

| CURRENT AGE OR AGE AT DEATH (d.) |        |        |                         |                         |                         |                         |
|----------------------------------|--------|--------|-------------------------|-------------------------|-------------------------|-------------------------|
| DONOR                            | MOTHER | FATHER | MATERNAL<br>GRANDMOTHER | MATERNAL<br>GRANDFATHER | PATERNAL<br>GRANDMOTHER | PATERNAL<br>GRANDFATHER |
| 28                               | 50     | 51     | 93                      | d.85                    | d.94                    | d.87                    |

| FAMILY MEMBER        | DIAGNOSIS           | HEALTH DETAILS (age at diagnosis, treatment, etc.)                                                                                                |
|----------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| DONOR                | None                |                                                                                                                                                   |
| MOTHER               | Hypertension        | Diagnosed at age 35; contributing factors include smoking, quit at age 38                                                                         |
|                      | Gallbladder rupture | Diagnosed at about age 35; treated with surgery                                                                                                   |
| FATHER               | Stroke              | Three strokes diagnosed at age 49; contributing factors included constricted blood flow to the brain secondary to a workplace related head injury |
|                      | Diabetes            | Diagnosed with unknown type of diabetes at age 40; contributing factors include diet                                                              |
| MATERNAL GRANDMOTHER | Memory loss         | Age-related                                                                                                                                       |
| MATERNAL GRANDFATHER | Heart Attack        | Diagnosed and fatal at age 85                                                                                                                     |
|                      | Hearing loss        | Diagnosed at unknown age, secondary to military service                                                                                           |

Donor 10B70

## Medical Profile

|                      |                           |                                                                |
|----------------------|---------------------------|----------------------------------------------------------------|
| PATERNAL GRANDMOTHER | Deceased                  | Died at age 94 due to old age                                  |
|                      | Vision Loss               | "Milky eyes" in old age                                        |
| PATERNAL GRANDFATHER | Deceased                  | Died at age 87 due to "old age"                                |
| SISTER               | Depression                | Diagnosed at age 21; treats with therapy, currently doing well |
|                      | Food Allergy/ Intolerance | Seafood allergy and lactose intolerance                        |
| MATERNAL UNCLE       | Hypertension              | Diagnosed at unknown age, limited knowledge of health history  |

### RISK ASSESSMENT

There is a 3-4% risk for birth defects in all children regardless of their method of conception, usually for conditions that cannot be tested for or predicted based on one's family medical history. There is no evidence of an increased risk, above the general population risks, for any health problems in this donor's offspring based on the information reported, other than the risks specified below:

#### Depression:

Depression is one of the most common mental health disorders with 6.7% of adults and 12.8% of adolescents experiencing one major depressive episode. The condition is multifactorial involving both genetic and environmental factors. Based on one affected relative, the risk for depression in the donor's offspring could be increased over the general population risk, however, a specific risk is unknown (<https://medlineplus.gov/genetics/condition/depression/#inheritance>).

#### Hypertension:

High blood pressure and strokes are multifactorial, which means there are both genetic and environmental factors that contribute to disease development (PMID: 26673558). Around 32.6% of the US population has high blood pressure, and the risk for development increases with age (PMID: 26673558). High blood pressure is considered a major risk factor for cardiovascular disease and strokes (PMID: 26673558). The risk of having a stroke is 50% higher odds in individuals who have a first degree relative who had a stroke (PMID: 26673558). As the donor's offspring would-be second-degree relatives to the donor's mother, there could be an increased risk of stroke development compared to the population.

Prospective recipients are encouraged to discuss their own family histories and their donors' family histories and genetic test results with their personal healthcare providers to help determine if the donor is suitable for their reproductive needs.

# Medical Profile

As part of the donor screening process, a donor applicant completes a family history screening form and indicates any known family members with a range of health conditions including those listed below. After this initial intake, the donor meets with a certified genetic counselor who elicits, documents, and assesses the family medical history in further detail.

The donor's family medical history collected during that evaluation is summarized for you on the previous pages. We recommend that you discuss a donor's family medical history with your personal healthcare providers and/or a genetic counselor prior to using gametes from a donor so that you can be fully informed about the medical conditions reported, any health risks related to that donor's medical history, as well as the general population risks for health problems.

## Example of Health Conditions Evaluated During a Donor Applicant's Family Medical History Screening

| HEALTH CONDITION                            | HEALTH CONDITION                            |
|---------------------------------------------|---------------------------------------------|
| Alcoholism/Drug abuse                       | Heart attack prior to age 50                |
| Alzheimer disease/dementia prior to age 60  | Heart defect                                |
| Aneurysm                                    | Huntington's disease                        |
| Anxiety/panic attacks                       | Kidney defect/disorder/cancer               |
| Attention deficit/hyperactivity disorder    | Learning disability/delay                   |
| Autism or Asperger syndrome                 | Melanoma                                    |
| Bipolar disorder                            | Mental retardation                          |
| Birth defects                               | Miscarriage/Stillbirth/Infertility          |
| Bleeding disorder/hemophilia                | Obsessive compulsive disorder               |
| Blindness prior to age 50                   | Ovarian cancer                              |
| Brain tumor/abnormality                     | Pancreatic cancer                           |
| Breast cancer                               | Parkinson disease prior to age 60           |
| Cancers                                     | Pituitary disorder                          |
| Cerebral palsy                              | Prostate cancer prior to age 50             |
| Cleft lip or palate                         | Ovarian cancer                              |
| Colon cancer                                | Schizophrenia                               |
| Club foot                                   | Speech delay/lisp/stutter                   |
| Deaths under 50, including childhood deaths | Spina bifida                                |
| Depression                                  | Stroke prior to age 50                      |
| Epilepsy or seizure disorder                | Uterine cancer (other than cervical cancer) |
| Extra or fused fingers or toes              | Tourette syndrome                           |
| Genetic disorder                            | Vision problem                              |
| Hearing problem/deafness prior to age 50    | Vitiligo/pigment disorder                   |