



Reproductive Technologies, Inc.

# THE SPERM BANK OF CALIFORNIA

## INTERVIEW NOTES: 5788

Donor 5788 arrived to our interview wearing a black button up shirt, blue jeans, and sneakers. He has bright, expressive eyes and straight, black hair. We think he shares some similarities to Ken Jeong or Jackie Chan, but has larger eyes and a different mouth shape. His jaw and nose are similar to Jeremy Renner. He was energetic and happy as he provided thoughtful answers to our questions.

Growing up in the Midwest with his *very nurturing* parents, Donor 5788 described his childhood as a happy one. He recalled hiking, camping, and taking trips to national parks with his mother and father. One of his favorite activities was biking from their home to the botanical gardens and then getting ice cream. His family had tropical fish that they accidentally bred; some of which are still alive today and living with his parents. Donor 5788's father was a mathematics professor who encouraged his scientific exploration and spent hours discussing advanced concepts with him. He really valued being able to deepen his understanding of math and science with his father and learn things that he would not have otherwise learned in school. He described his mother, a bank manager at the time, as *far more strict* and said she frequently worried about his future success in life. Donor 5788 has a brother who is 17 years younger. He explained that his brother is interested in technological things (like drones), but not necessarily curious about the concepts behind them. He is also more athletic than donor 5788, but looks to him for academic advice.

From a young age, Donor 5788 developed a passion for math and science. He went on to join the math team and also participate in engineering competitions. In fact, by his senior year of high school, he was the captain of the math, science, engineering, and debate teams (all at once!). Donor 5788 spent many weekends at debate team tournaments with his friends. He said that his parents told him he was *easy to raise* and they *didn't have to work too hard for him*.

When donor 5788 was not knee deep in his academic ventures, he would spend time with friends eating junk food, watching movies, and playing video games (but only on the weekends, as his parents closely monitored his gaming time). He recalled enjoying fixing or modifying his friends' gaming consoles more than he enjoyed actually playing the games. Donor 5788 played trumpet for a couple years in high school, but has played piano since childhood. While he doesn't play regularly now, he can still sight read a decent amount. Donor 5788 was able to do quite a bit of international travel because his father attended many conferences. He mentioned visiting Hong Kong, Paris, Barcelona, Newfoundland, and The Bahamas. In the future, Donor 5788 and his partner would like to work abroad.

Currently, donor 5788 works as an engineering manager while his partner, whom he met during college, is a data engineer. Together they enjoy cooking and spending time in nature. In his free time, donor 5788 also likes building things with his 3D printer and laser cutter. He builds custom board game inserts to reduce the amount of time spent on set up. His favorite board games include Forbidden Desert and Space Alert. As for TV and movies, donor 5788 likes Game of Thrones, Umbrella Academy, Avatar: the Last Airbender, and Scott Pilgrim vs. the World. Donor 5788 said he has a *healthy book reading habit* and usually reads one book a month and listens to audiobooks as he jogs around the lake.

Donor 5788 said that he hopes any children will have a wide range of experiences like he did. Because he feels lucky to have had the opportunities in his life, he wants to help other families by being a donor. He said that knowing that they will be well-loved makes him happy. We are so excited to have such an intelligent, warm hearted donor in our program!

*Interviewed by Carmen C. & Michelle K. 8/27/2020*



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## DONOR PROFILE: 5788

The past and current personal and family medical history, physical examination, and laboratory test results determine that donor 5788 is eligible and approved for semen donation at THE SPERM BANK OF CALIFORNIA. This profile was prepared in February 2021 and updated in March 2022.

### PERSONAL INFORMATION

- Identity-Release® Program: **Yes**
- Month/year of birth: **01/1989**
- Education: **Master in Computer Science**
- Current occupation: **Software Engineering Manager**
- Ethnic origin: **Chinese**
- Religion born into: **None**
- Religion practicing: **None**

### PHYSICAL CHARACTERISTICS

- Height: **5' 10"**
- Weight: **165.5 lbs**
- Hair color: **Black**
- Hair type: **Straight, thick**
- Eye color: **Dark brown**
- Complexion: **fair/creamy**
- Body type: **Medium**
- Blood group/Rh: **A+**
- Baby photo available: **Yes**
- Other distinguishing features: **Dimples**

### FAMILY MEDICAL HISTORY

**KEY:** **D** donor    **Ch** child    **F** father    **M** mother    **S** sister    **B** brother  
**Co** cousin    **A** aunt    **U** uncle    **MGF** maternal grandfather    **MGM** maternal grandmother  
**PGF** paternal grandfather    **PGM** paternal grandmother

Allergies: **D: Mild allergies to dust mites, oak trees, cats at 30, treated with avoidance and oral antihistamine, managed. B: Allergy to sycamore trees at 10, treated with antihistamines, managed**

Blood: **M: Anemia at 35 due to uterine fibroid, fibroid treated with myomectomy, anemia resolved.**

Gastrointestinal: **MGM: Gallstones at 56, no treatment, unmanaged.**

Genital/Reproductive: **M: Uterine fibroid at 35, treated with myomectomy, resolved.**

Heart: **M: High Cholesterol at 40, treated with dietary changes, managed. MGM: Stroke at 71, treatment none, cause of death.**

Metabolic/Endocrine: **F: Thyroid (Grave's) disease at 35, treated with radioiodine therapy and daily thyroid hormone supplement, managed.**

Muscles/Bones/Joints: **M: Osteoporosis at 55, treated with medication and mineral supplements, managed.**

**PGM: Osteoarthritis at 55, treated with pain medication, managed.**

Neurological: **F: Exercise-induced migraines at 57, treated with spacing of exercise, managed.**

Respiratory (Lungs): **PGF: Tuberculosis at 57, no treatment, cause of death.**

Sight/Sound/Smell: **D: Vision: R 20/100, L 20/200**

Skin: **Acne at 13, treated with topical medication, resolved with aging. B: Acne at 12, treated with topical medication, unmanaged. MCo#1: Acne at 12, no treatment, severity reduced over time. PCo#1 Acne at 12, treated with oral medication, resolved.**

Other: **D: Deciduous teeth at 15, no treatment, managed. Sleep apnea at 29, treated with weight loss, resolved. M: Gingivitis at 30, treated with more frequent cleanings, managed. B: Obstructed airway at 4, treated with tonsillectomy, managed. PU#1: Colorblindness at 20, no treatment, managed.**

## DONOR LAB RESULTS

Chlamydia: **Not Detected**  
HIV 1 & 2: **Non-Reactive**  
Hepatitis B: **Non-Reactive**  
Urinalysis: **Normal**

Gonorrhea: **Not Detected**  
CMV total antibody: **\*Positive**  
Hepatitis C: **Non-Reactive**  
Chem panel: **Normal**

Syphilis: **Non-Reactive**  
HTLV 1 & 2: **Non-Reactive**  
CBC: **Normal**

*\*CMV IgM is negative/IgG positive. This combination shows a historic CMV exposure and donor is presumed to currently be non-infectious*

## GENETIC SCREENING RESULTS:

*Genetic screening tests can significantly reduce, but never completely eliminate, the chance that a person is a carrier for a particular disorder.*

Expanded carrier screening for 268 autosomal recessive conditions was completed by Invitae and reported on February 7th, 2022.

The results were **NEGATIVE** for all conditions tested.

Disease	Result	Residual risk to be a carrier
Cystic Fibrosis	Negative	1 in 8,700
Spinal Muscular Atrophy	Negative - 2 copies exon 7 Negative for c.*3+80T>G variant in exon 7	1 in 701
HBB Hemoglobinopathies	Negative	1 in 5,300
Alpha Thalassemia	Negative	1 in 191

Please refer to the donor's Invitae expanded carrier test report for more information on the testing completed and the donor's results.

# DONOR NARRATIVE: 5788

*The content of this narrative has not been altered by TSBC staff. It reflects the original written work of the Donor.*

## Describe your personality: introvert, extrovert, funny, serious, goal-oriented, curious, shy, etc.

I am curious by nature and constantly strive to learn more, gain a broader perspective, and better understand the universe around me. I like to be prepared for any challenges and opportunities that come my way. I feel incredibly lucky and grateful to have had so many opportunities to explore a variety of novel experiences in my life.

Others have told me that my general personality traits include being animated, enthusiastic, and confident; they also say that I'm able to strike a meaningful conversation with pretty much anyone. One of my particularly unique personality traits that others have mentioned is that I can deliver even bad news in the most upbeat way possible. That's not to say that I don't take things seriously, but more that I'm able to immediately find the humor in our predicament and to frame seemingly hopeless situations as exciting new challenges where we can figure out how to adapt and move forward together.

## What are your interests and talents?

In my free time, I enjoy a wide range of hobbies including playing board games and duplicate bridge with friends, camping and enjoying the outdoors with my partner, and working on creative engineering side projects. I particularly enjoy cooking and experimenting with different cuisines, ingredients, and processes. I use cookbooks as more of a source of inspiration rather than a series of instructions to be followed. I especially enjoy preparing and eating extremely spicy foods at the edge of what my digestive system can handle.

In my software engineering work, I really enjoy trying to figure out how things work and specifically identifying the things that are important in making them work. Modern life comes with enormously complex systems, and I've been told that I do particularly well at breaking down complicated systems to essential-to-understand and ignorable-for-now components.

## What are some of your goals and ambitions in life? Where do you see yourself in 5 or 10 years?

I'd like to continue to grow and experience the wonders of the world around me while making a positive difference in the lives of others.

For my hobbies, I've done some varied projects in electronics-making, experimentation with machine learning models for fun, and improvements to my electronic implementations of board games. I'd like to continue to work on these and expand my audience and reach for these projects. I also enjoy traveling and exploring different environments and cultures. My travel so far has consisted of mostly shorter-term trips, and I'd like to extend both the time duration and the depth of immersion of my explorations.

In my career, I'd like to focus on understanding how to allow teams of people to function most effectively. I hope to continue to develop my understanding by alternating roles in technical leadership positions as well as roles that develop my current role as a direct people manager. I can see myself on either side of this pendulum in five to ten years; I can either be the technology leader for a large product effort or I can continue to progress

further into people management as a director-level of a reasonably large-sized organization. Either way, I hope to establish myself as a thought leader in this domain.

## How would you describe your skills and interests in the following areas?

**Math:** My mathematical skills are very strong; I have two technical degrees from top universities and have published theoretical research in grad school. I have taken many optional mathematics courses in both my undergraduate and graduate studies.

**Mechanical:** I've always enjoyed taking things apart, putting them back together, and somehow ending up with extra pieces. I have designed and built a few pieces of my own furniture and am familiar with basic carpentry tools.

**Athletic:** While I like running, hiking, and a small amount of weight-lifting, I've never wanted to be a competitive athlete, and I exercise regularly just to stay fit and healthy.

**Musical, Artistic, Creative:** I had a small amount of parental-enforced piano lessons, enough to go just beyond a basic sight-reading ability. My creative projects tend to have more of an engineering bent to them, whether it be creating custom laser-cut board game organizers, world map projection-oriented housewarming gifts, or "flowers" made out of hard drive platters.

**Language (what languages besides English do you speak?):** I can speak Mandarin Chinese and studied French in secondary school. I've found my rough French has only been very useful in countries where the secondary language isn't English, such as in Dutch-speaking areas of Belgium. I'm a big fan of linguistics, and I pick up a small amount of other languages while traveling.

**Writing:** I've been told from a leadership-coaching workshop that one of my strengths is an ability to command respect by using the benefit of an extensive vocabulary. I'm not convinced that's entirely a good strength to lean on, but it does help me to communicate very precisely, especially when writing complex material.

**Literature:** My leisure reading mostly includes non-fiction (focusing on the impact different leaders have on movements and organizations) and popular works in science fiction and fantasy. Truth be told, I find that I don't have the patience to read many works of artistic high literature.

**Science:** I studied computer science in college and grad school, and since physics was my favorite subject, I also pursued electrical engineering as a second major in college. I particularly like applying abstract theory to practical applications.

## Please list a few of your favorite:

1. **Movies:** I've enjoyed *Wall-E*, *Scott Pilgrim vs. the World*, and more esoterically, the documentary *The King of Kong: A Fistful of Quarters*.
2. **Books/Authors:** I like Neal Stephenson's works, especially *Anathem*, which is possibly my favorite book. I enjoy pretty much anything Brandon Sanderson (e.g. *Mistborn*, *The Way of Kings*, *Skyward*) or Orson Scott Card (e.g. *Ender's Shadow*, *Songmaster*, *Pathfinder*) writes.
3. **Albums/Musicians/Performances:** Our AI overlords at Pandora tell me that I enjoy "minor key tonality", "melodic string accompaniment", and "trippy soundscapes". I'm not sure what that exactly means, but I've been to concerts to see Nightwish, Lindsey Stirling, and the Trans-Siberian Orchestra.

## What are a few of your reasons for becoming a sperm donor?

I think it is very important for anybody who desires a family to be able to make their dreams a reality.

On a personal front, my partner has people in their family who currently suffer from challenges relating to infertility. I think that it is very important to make sure that all people are able to have every opportunity to build the family that they desire.

### **You have joined the Identity-Release<sup>®</sup> Program . What appeals to you about this program?**

It is very important for people to have the opportunity to learn about their genetic ancestry. Not only is this important in a pragmatic sense, as medical treatments and conditions can be better understood with the provided additional context, but it's also important in a personal sense to be available for any questions or curiosity that arises.

### **Is there anything else you would like to share with participating families and offspring?**

To the family: Good luck in your decision-making and best wishes!

To potential offspring: May you relish your opportunities in life as much as I have!

**THANK YOU!**



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## HEALTH PROBLEMS LIST DONOR 5788

FAMILY MEMBER	HEALTH PROBLEM	TREATMENT/OUTCOME
Donor	Allergies	<p>Diagnosis/age of onset: Mild allergies to dust mites, oak trees, cats / diagnosed at 30, symptoms at 20</p> <p>Treatment: Avoidance, oral antihistamine</p> <p>Outcome: Mild reactions if exposed to allergens.</p>
	Deciduous Teeth	<p>Diagnosis/age of onset: 2 deciduous teeth/15</p> <p>Treatment: Teeth still present</p> <p>Outcome: Awaiting need for replacement</p>
	Sleep Apnea	<p>Diagnosis/age of onset: Mild sleep apnea / 29</p> <p>Treatment: Weight loss (20 lbs)</p> <p>Outcome: Resolved, oxygen levels high in sleep study</p>
	Acne	<p>Diagnosis/age of onset: Acne/13</p> <p>Treatment: Topical medication</p> <p>Outcome: Severity reduced with age, no longer uses medication</p>
Mother	High Cholesterol	<p>Diagnosis/age of onset: High Cholesterol (consistently over 230 mg/dL) / 40</p> <p>Treatment: Dietary constraints</p> <p>Outcome: Condition stable but values still high</p>
	Gingivitis	<p>Diagnosis/age of onset: Gingivitis / 30</p> <p>Treatment: More frequent cleanings, dental care</p> <p>Outcome: Managed, no teeth loss</p>

(Mother: Continued from previous page)

Anemia	Diagnosis/age of onset: Anemia / 35 Treatment: See "Uterine Fibroid", below Outcome: Resolved, iron levels nominal
Uterine Fibroids	Diagnosis/age of onset: Uterine Fibroid / 35 Treatment: Myomectomy procedure of one fibroid Outcome: Resolved, one successful fullterm pregnancy afterwards
Osteoporosis	Diagnosis/age of onset: Osteoporosis in L1-L5 back / 55 Treatment: Prescribed medication Outcome: Medications not well-tolerated. Currently supplementing with minerals

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Father	Thyroid Disease	Diagnosis/age of onset: Grave's Disease / 35 Treatment: Radioiodine therapy Outcome: Supplemental daily thyroid hormone, managed.
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	Migraines	Diagnosis/age of onset: Exercise-induced Migraines / 57 Treatment: Oxygen, spacing of exercise Outcome: Managed, sporadic migraines still occur
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Brother	Sleep breathing disorder	Diagnosis/age of onset: Obstructed airway / 4 Treatment: Tonsillectomy Outcome: Managed
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	Allergies	Diagnosis/age of onset: Allergy to sycamore trees / 10 Treatment: General purpose antihistamines during spring season Outcome: Managed. Overall reduction of medication needed.
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(Brother continued from previous page)

Acne  
 Diagnosis/age of onset: Acne / 12  
 Treatment: Topical medication  
 Outcome: Unmanaged.

Maternal Grandmother      Gallstones  
 Diagnosis/age of onset: Gallstones / 56  
 Treatment: None  
 Outcome: Unmanaged

Stroke  
 Diagnosis/age of onset: Stroke / 71  
 Treatment: None  
 Outcome: Deceased

Cause of Death/Age of Death: Stroke/71

Maternal Cousin #1      Acne  
 Diagnosis/age of onset: Acne / 12  
 Treatment: Prescribed oral medication  
 Outcome: Not treated, eventual subsiding of symptoms

Paternal Grandmother      Osteoarthritis  
 Diagnosis/age of onset: Osteoarthritis / 55  
 Treatment: Prescription analgesic  
 Outcome: Overall managed but flaring-ups occur

Paternal Grandfather      Lung Damage  
 Diagnosis/age of onset: Lung damage due to tuberculosis / 57  
 Treatment: None  
 Outcome: Deceased

Cause of Death/Age of Death: Tuberculosis/57

Paternal Uncle #1      Colorblindness  
 Diagnosis/age of onset: Colorblindness / 20  
 Treatment: None  
 Outcome: Unmanaged

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Paternal Cousin #1	Acne	Diagnosis/age of onset: Acne / 12 Treatment: Oral medication Outcome: Managed during outbreaks, no longer need medication
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The above family medical history information has been self-reported by the donor. We work with each donor to obtain as complete and accurate information as possible, but we are unable to completely rule out the existence of other health information that is not known, or that remains unreported to us.

As a board certified genetic counselor, I have reviewed this donor's family medical history for identifiable patterns of inheritance that may place the donor or his biological offspring at increased risk for certain health problems. ("Increased risk" is risk that is greater than the risk in the general population).

As reported, there does not appear to be a personal or familial medical health history that would confer an increased risk beyond the general population risk.

Janine Mash, LCGC  
Certified Genetic Counselor