

human reproduction SUPPLEMENTARY DATA

Supplementary Table S11 Exome filtering statistics.

Patient ID	Total variants	Variant present in >5 reads	Variant present in >15% of reads	Variant frequency in <1% in gnomAD, dbSNP and Nijme gen database	Variant coding and non-synonymous/canonical splice site/synonymous splice site	Homozygous variants (% variation >85)	Compound heterozygous (gene name present > 1x)	X-linked (chrX and % variation >85)	Y-linked (chrY and % variation >85)	Qualifying variants in known genes	Homozygous variants in homozygosity region	Variables in gene with enhanced expression in testis	Interacts with DFS-MMAF or infertility gene	Infertility described in mice	Sum of prioritized variants	Likely real variants (Bam file check)	Predicted VUS or higher*
<b>ARG1</b>	82150	63997	63349	3175	685	13	153	2	0	0	0	29	40	4	66	18	4
<b>ARG2</b>	107887	89660	88712	4333	641	16	157	5	2	3	0	37	28	7	59	14	3
<b>ARG3</b>	59275	50364	49752	2360	571	6	130	5	0	0	0	18	51	2	65	19	4
<b>ARG4</b>	78845	61952	61276	3274	636	16	139	4	0	0	4	18	35	3	51	19	3
<b>ARG5</b>	68292	51836	51289	2824	661	12	140	7	0	0	2	25	48	5	71	16	1
<b>ARG6</b>	69927	56715	56128	2825	611	14	146	10	0	1	1	15	51	10	61	17	2
<b>ARG7</b>	70029	56008	55369	2552	612	8	139	4	0	0	0	21	43	7	59	12	6
<b>ARG8</b>	37148	36313	35555	1744	669	45	183	7	0	0	30	50	69	21	120	58	21
<b>ARG9</b>	38886	38107	37366	1720	645	11	178	7	0	4	0	34	62	16	93	26	6
<b>AUS1</b>	103157	72318	71407	2717	620	8	186	9	0	0	0	33	47	5	76	11	6
<b>AUS2</b>	105026	74336	73440	3022	670	19	198	6	0	2	2	37	48	7	85	21	7
<b>AUS3</b>	110396	80236	79341	3056	585	6	167	8	0	0	0	42	41	5	80	16	11
<b>AUS4</b>	114017	84540	83539	4494	852	20	235	12	2	0	1	51	44	6	91	28	9
<b>AUS5</b>	108397	78217	77273	3251	635	12	189	2	0	1	1	40	38	7	75	15	3
<b>AUS6</b>	110653	80588	79707	3308	660	18	204	4	0	0	1	39	64	12	106	15	1
<b>AUS7</b>	116748	86819	85905	3901	776	14	222	11	0	0	1	52	63	3	108	21	4
<b>AUS8</b>	107827	76962	75940	3142	652	20	186	7	0	1	2	35	46	5	82	5	1
<b>AUS9</b>	115302	87532	86427	4701	947	17	251	13	0	3	2	56	57	3	110	22	1
<b>AUS10</b>	116180	87348	86312	4498	857	19	216	5	3	0	0	39	43	5	78	26	2
<b>AUS11</b>	115126	85846	84819	3465	674	8	239	6	0	0	0	44	64	13	109	18	3
<b>AUS12</b>	107314	78293	77445	3007	649	29	191	10	0	1	17	43	47	9	97	29	10
<b>Average</b>	92503.9	70380.3	69540.5	3208.0	681.3	15.8	183.3	6.9	0.3	0.8	3.0	36.1	49.0	7.4	83.0	20.3	5.1

\*ACMG classification. VUS, variant of unknown significance.