

**Additional file 2: Table S2.** Column statistics for TEX101 analysis in SP samples ( $N=821$ ) by ELISA using GndCl-based treatment protocol (3 M guanidine hydrochloride for 1 hour at RT).

Q1: 25<sup>th</sup> percentile, Q3: 75<sup>th</sup> percentile, IQR: Interquartile range

Samples	TEX101 (ng/mL)				
	<i>N</i>	Q1	Median	Q3	IQR
Pre-Vasectomy	65	1,435	3,433	6938	5,504
Post-Vasectomy	61	0.5	0.5	0.5	0
Unexplained infertility	276	1,173	2,875	5,237	4,064
Oligospermia	269	21.8	271	972	950
Azoospermia	150	0.5	0.5	0.7	0.2
Azoospermia, unknown form	22	0.5	0.5	2.3	1.8
Non-obstructive azoospermia (NOA)					
<i>Hypospermatogenesis</i>	8	0.7	4	94.5	93.8
<i>Maturation Arrest</i>	22	0.5	0.9	175	174
<i>Sertoli-cell only</i>	13	0.5	0.5	0.5	0
<i>Unknown histological subtype</i>	51	0.5	0.5	0.8	0.3
Obstructive azoospermia (OA)	34	0.5	0.5	0.5	0
<b>TOTAL</b>	<b>821</b>	<b>0.8</b>	<b>429</b>	<b>2,654</b>	<b>2,654</b>