

**Additional file 9: Table S4.** Column statistics for TEX101 analysis in seminal plasma samples ( $N=805$ ) using DOC-based protocol (2% sodium deoxycholate for 1 hour at 63°C). 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	64	2,728	5,436	12,036	9,308
Post-Vasectomy	57	0.5	0.5	0.6	0.1
Unexplained infertility	277	1,325	4,967	11,013	9,688
Oligospermia	270	51	450	1,494	1,443
Azoospermia	137	0.5	0.5	0.9	0.4
Azoospermia, unknown form	20	0.5	0.6	4.0	3.5
Non-obstructive azoospermia (NOA)					
<i>Hypospermatogenesis</i>	5	0.7	70.4	590	590
<i>Maturation arrest</i>	21	0.5	1.9	329	328
<i>Sertoli-cell only</i>	13	0.5	0.5	0.6	0.1
<i>Unknown histological subtype</i>	42	0.5	0.6	2.5	2.0
Obstructive azoospermia (OA)	36	0.5	0.5	0.7	0.2
<b>TOTAL</b>	<b>805</b>	<b>5.8</b>	<b>771</b>	<b>5,016</b>	<b>5,010</b>