

Supplementary Table S3. The top 50 most highly expressed snRNA genes detected by RNA-seq of the FFPE RP samples from patients with HRPC who developed CR after post-RP BCR (gene analysis).

No.	Gene ID	Gene symbol	TPM, no. (%) [†]
1	ENSG00000202538	<i>RNU4-2</i>	9,476.2 (0.95%)
2	ENSG00000206652	<i>RNU1-1</i>	3,678.7 (0.37%)
3	ENSG00000200795	<i>RNU4-1</i>	1,954.3 (0.20%)
4	ENSG00000207005	<i>RNU1-2</i>	1,523.2 (0.15%)
5	ENSG00000277918	<i>RNVUI-28</i>	1,519.4 (0.15%)
6	ENSG00000200156	<i>RNU5B-1</i>	1,122.4 (0.11%)
7	ENSG00000207389	<i>RNU1-4</i>	983.5 (0.10%)
8	ENSG00000206585	<i>RNVUI-7</i>	838.4 (0.08%)
9	ENSG00000206737	<i>RNVUI-18</i>	717.7 (0.07%)
10	ENSG00000270722	<i>RNVUI-31</i>	622.1 (0.06%)
11	ENSG00000199568	<i>RNU5A-1</i>	616.1 (0.06%)
12	ENSG00000238554	<i>RNU1-88P</i>	402.7 (0.04%)
13	ENSG00000252498	<i>RNU6-1016P</i>	291.1 (0.03%)
14	ENSG00000206762	<i>RNU6-418P</i>	258.8 (0.03%)
15	ENSG00000221676	<i>RNU6ATAC</i>	241.6 (0.02%)
16	ENSG00000264229	<i>RNU4ATAC</i>	236.7 (0.02%)
17	ENSG00000273768	<i>RNVUI-29</i>	224.7 (0.02%)
18	ENSG00000239119	<i>RNU7-119P</i>	220.5 (0.02%)
19	ENSG00000252645	<i>RNU7-111P</i>	218.1 (0.02%)
20	ENSG00000274210	<i>RNVUI-27</i>	210.1 (0.02%)
21	ENSG00000238829	<i>RNU7-45P</i>	150.6 (0.02%)
22	ENSG00000200665	<i>RNU6-1188P</i>	149.6 (0.01%)
23	ENSG00000207175	<i>RNU1-67P</i>	145.5 (0.01%)
24	ENSG00000253054	<i>RNU7-77P</i>	145.0 (0.01%)
25	ENSG00000200882	<i>RNU6-681P</i>	142.9 (0.01%)
26	ENSG00000251870	<i>RNU2-69P</i>	142.7 (0.01%)
27	ENSG00000201198	<i>RNU6-879P</i>	141.0 (0.01%)
28	ENSG00000277610	<i>RNVUI-4</i>	127.6 (0.01%)
29	ENSG00000239151	<i>RNU7-195P</i>	126.9 (0.01%)
30	ENSG00000251718	<i>RNU2-13P</i>	123.8 (0.01%)
31	ENSG00000252796	<i>RNU7-11P</i>	121.9 (0.01%)
32	ENSG00000200814	<i>RNU6-595P</i>	121.5 (0.01%)
33	ENSG00000238719	<i>RNU7-96P</i>	118.3 (0.01%)
34	ENSG00000278099	<i>RNVUI-2A</i>	116.9 (0.01%)
35	ENSG00000238386	<i>RNU7-48P</i>	116.2 (0.01%)
36	ENSG00000251712	<i>RNU7-20P</i>	115.6 (0.01%)
37	ENSG00000272215	<i>U7</i>	111.5 (0.01%)
38	ENSG00000283509	<i>U6</i>	106.6 (0.01%)
39	ENSG00000212327	<i>RNU6-882P</i>	103.9 (0.01%)
40	ENSG00000212457	<i>RNU6-644P</i>	96.9 (0.01%)
41	ENSG00000202017	<i>RNU6-806P</i>	95.9 (0.01%)
42	ENSG00000252452	<i>RNU6-107P</i>	94.9 (0.01%)
43	ENSG00000252431	<i>RNU6-1247P</i>	89.9 (0.01%)
44	ENSG00000201616	<i>RNU1-91P</i>	89.3 (0.01%)

45	ENSG00000212332	<i>RNU6-780P</i>	88.7 (0.01%)
46	ENSG00000252756	<i>RNU6-577P</i>	87.8 (0.01%)
47	ENSG00000199872	<i>RNU6-942P</i>	86.6 (0.01%)
48	ENSG00000222610	<i>RNU6-402P</i>	86.2 (0.01%)
49	ENSG00000272160	<i>RNU4-5P</i>	85.6 (0.01%)
50	ENSG00000199512	<i>RNU6-212P</i>	83.8 (0.01%)

†: Transcripts per million (TPM) represents the relative abundance of a transcript among a population of sequenced transcripts
Abbreviation: BCR, biochemical recurrence; CR, clinical recurrence; FFPE, formalin-fixed paraffin-embedded; HRPC, high-risk prostate cancer; RP, radical prostatectomy; snRNA, small nuclear RNA.