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**Supplementary Table S1** List of the individual optical densities from the measurements 12 identified spots in BPH tissues (Sample 1-10) and prostate cancer tissues (Sample 11-Sample 30)

		<b>BPH</b>									
<b>Spot No.</b>	<b>Protein ID</b>	<b>Sample 1</b>	<b>Sample 2</b>	<b>Sample 3</b>	<b>Sample 4</b>	<b>Sample 5</b>	<b>Sample 6</b>	<b>Sample 7</b>	<b>Sample 8</b>	<b>Sample 9</b>	<b>Sample 10</b>
1	Serotransferrin	5.4	2.5	4.3	3.6	3.1	3.1	4.1	5.2	3.8	2.3
2	Ran-binding protein 3	3.7	5.2	9	3.7	3.6	7.3	5.3	3.8	3.5	2.6
3	Vimentin	18	6.2	5.8	9.8	4.8	17.3	5.1	5.7	11.3	19
4	Desmin	18	36.2	16.9	23.3	29.8	24.7	24.4	17.4	8.8	33.5
5	Desmin	28.6	36.3	26.8	28.2	35.4	42.9	27.8	29.7	37.5	26.8
6	Actin, gamma-enteric smooth muscle	6.5	7.9	7.5	8.1	5.3	4.3	3.7	6.5	8.2	11.1
7	Filamin A	8.8	9.7	7.7	8.1	2.3	7.1	3.1	4	6.9	6.4
8	Tropomyosin alpha-1 chain	22.5	28.8	18.5	32	21.6	30.5	17.7	28	11.3	27.3
9	Actin, aortic smooth muscle	26.1	35.8	27.7	36.5	27.8	25.5	38.8	25.6	36.8	37
10	Heat shock protein beta 1	3.8	7.1	3.2	6.9	3.5	6.8	6.4	2.8	4	5.3
11	Transgelin	6.3	19.6	18.4	16.9	18.9	5.1	15.3	16.1	15.8	15.6
12	Transgelin	6.3	5.4	1.2	1.6	5.1	1.6	0.9	1.5	4.3	4.1

  

		<b>PROSTATE CANCER</b>									
<b>Spot No.</b>	<b>Protein ID</b>	<b>Sample 11</b>	<b>Sample 12</b>	<b>Sample 13</b>	<b>Sample 14</b>	<b>Sample 15</b>	<b>Sample 16</b>	<b>Sample 17</b>	<b>Sample 18</b>	<b>Sample 19</b>	<b>Sample 20</b>
1	Serotransferrin	4.5	2.6	0.9	1.2	1.5	2.3	2.5	4.6	1.1	2.6
2	Ran-binding protein 3	3.2	2.7	0.3	0.7	0.4	3.3	0.8	0.9	3.8	1.9
3	Vimentin	1.9	2.7	2.1	4.5	2.3	3.1	1.8	2.3	3.2	2.5
4	Desmin	4.7	12.6	3.5	4.5	7.5	3.3	4.5	7.2	3.2	4
5	Desmin	3.1	12.8	5	5.5	3.9	3.5	3.5	5.1	5.9	4.9
6	Actin, gamma-enteric smooth muscle	0.3	6.2	4.5	4.3	0.5	0.9	0.2	0.4	0.6	0.4
7	Filamin A	5.3	3.3	0.9	2.5	1.7	4.6	1.1	2.8	1.5	0.9
8	Tropomyosin alpha-1 chain	9.1	10.7	8.7	10.4	12.3	4.2	5.2	7.5	14.6	11.7
9	Actin, aortic smooth muscle	19.4	18.2	20.4	20.2	17.6	9.1	12.8	13.9	16.3	12.2
10	Heat shock protein beta 1	2.5	4.3	1.6	1.2	2.5	2.6	3	3.3	1.3	1.5
11	Transgelin	17.5	16.4	7.8	7.2	2.6	2.4	6.6	5.8	2.2	6.4
12	Transgelin	3.5	0.6	2.1	1.9	0.5	0.8	2.2	0.7	1.8	1.1

  

		<b>PROSTATE CANCER</b>									
<b>Spot No.</b>	<b>Protein ID</b>	<b>Sample 21</b>	<b>Sample 22</b>	<b>Sample 23</b>	<b>Sample 24</b>	<b>Sample 25</b>	<b>Sample 26</b>	<b>Sample 27</b>	<b>Sample 28</b>	<b>Sample 29</b>	<b>Sample 30</b>
1	Serotransferrin	0.8	1.1	2.7	4.9	0.7	3.5	0.9	1.6	0.8	1.3
2	Ran-binding protein 3	0.1	2.3	1	1.5	0.9	4.2	1.2	3.1	0.4	1.3
3	Vimentin	1.5	2.8	1.4	2.8	3.4	2.6	3.5	3.5	2.5	2
4	Desmin	12	13.2	3.5	2.8	5	2.6	3.3	5.7	2.5	4.4
5	Desmin	13.5	4.6	14.1	4.2	3.6	2.6	2.9	6.4	3.8	9.1
6	Actin, gamma-enteric smooth muscle	3.7	1.3	1.6	0.3	1.2	0.2	1.2	1.3	0.4	1.3
7	Filamin A	0.8	2.9	0.7	1.3	1.2	1.3	1.2	1.9	1.7	0.9
8	Tropomyosin alpha-1 chain	8.4	4.3	8.9	12.1	16.6	5.1	16.7	12.7	13.6	9
9	Actin, aortic smooth muscle	8.7	13.5	11.3	12.4	10.7	12	12.4	8.3	13.5	11.7
10	Heat shock protein beta 1	1.9	2.6	4.2	2.3	1.6	1.2	3.6	2.6	4.1	1.8
11	Transgelin	18.3	16.6	6.2	8.5	2.8	8.7	7.9	6.7	2.4	2.9
12	Transgelin	0.9	1.5	1.8	0.5	0.7	0.6	1.7	1.6	0.8	0.7