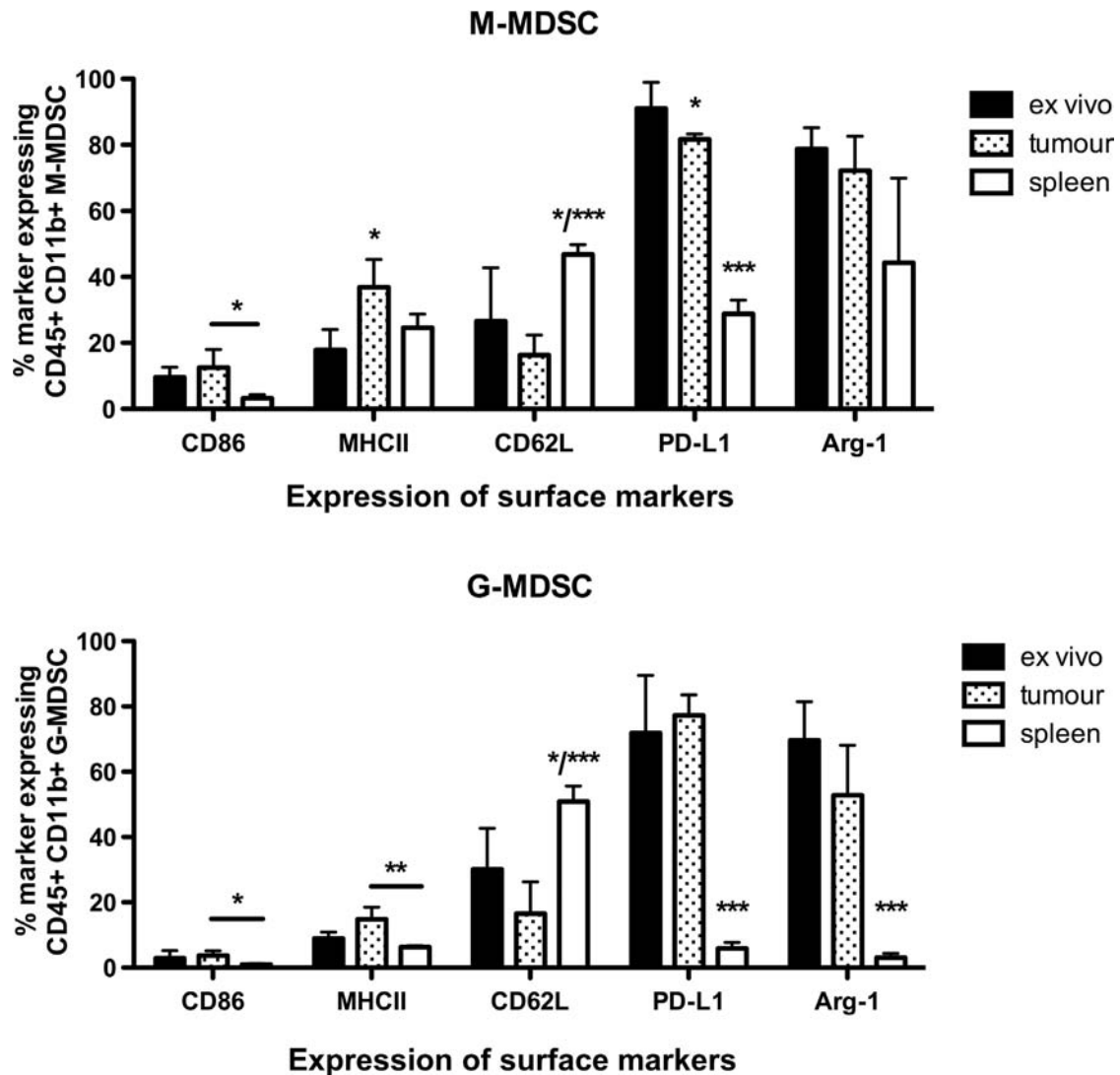
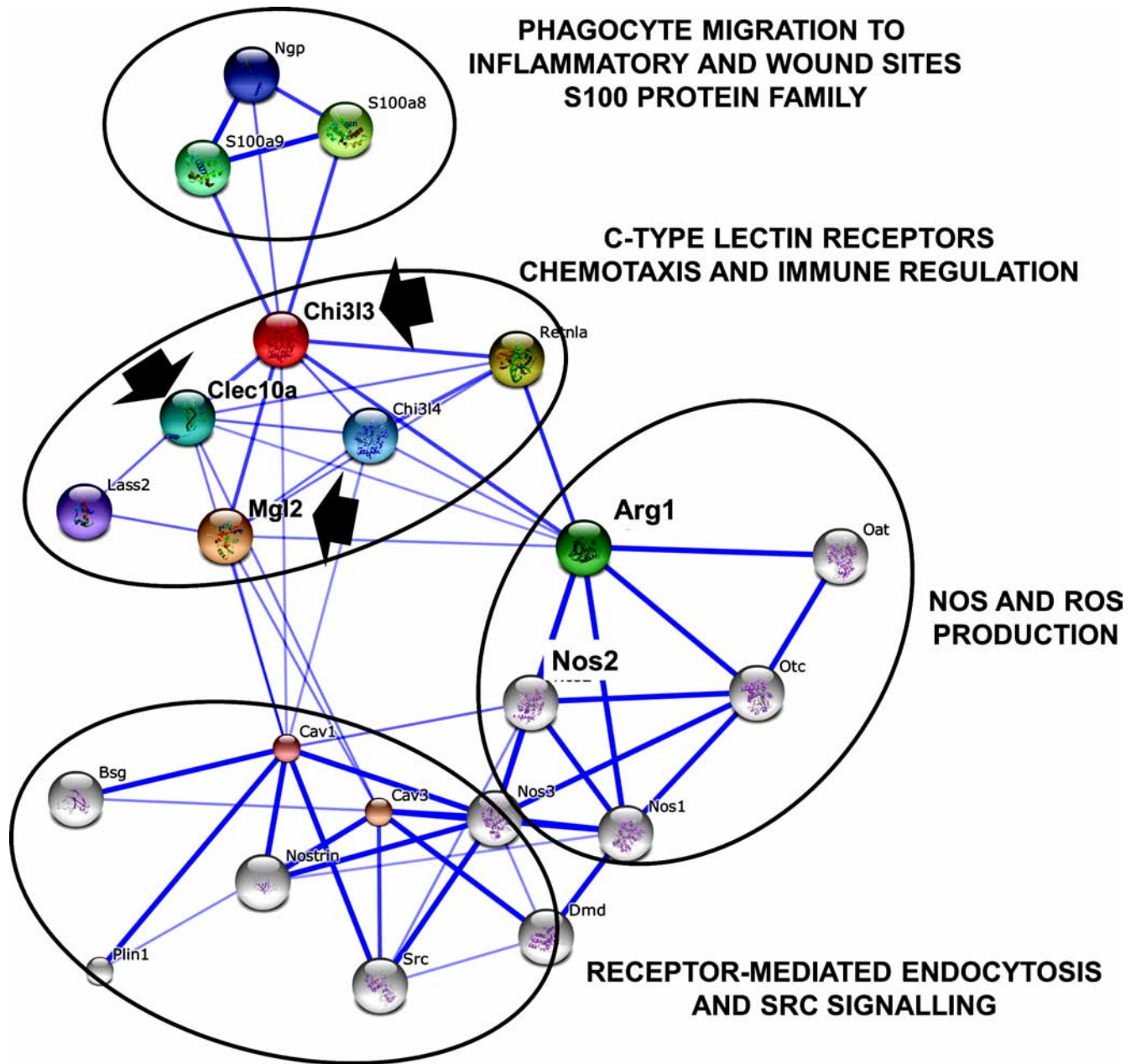


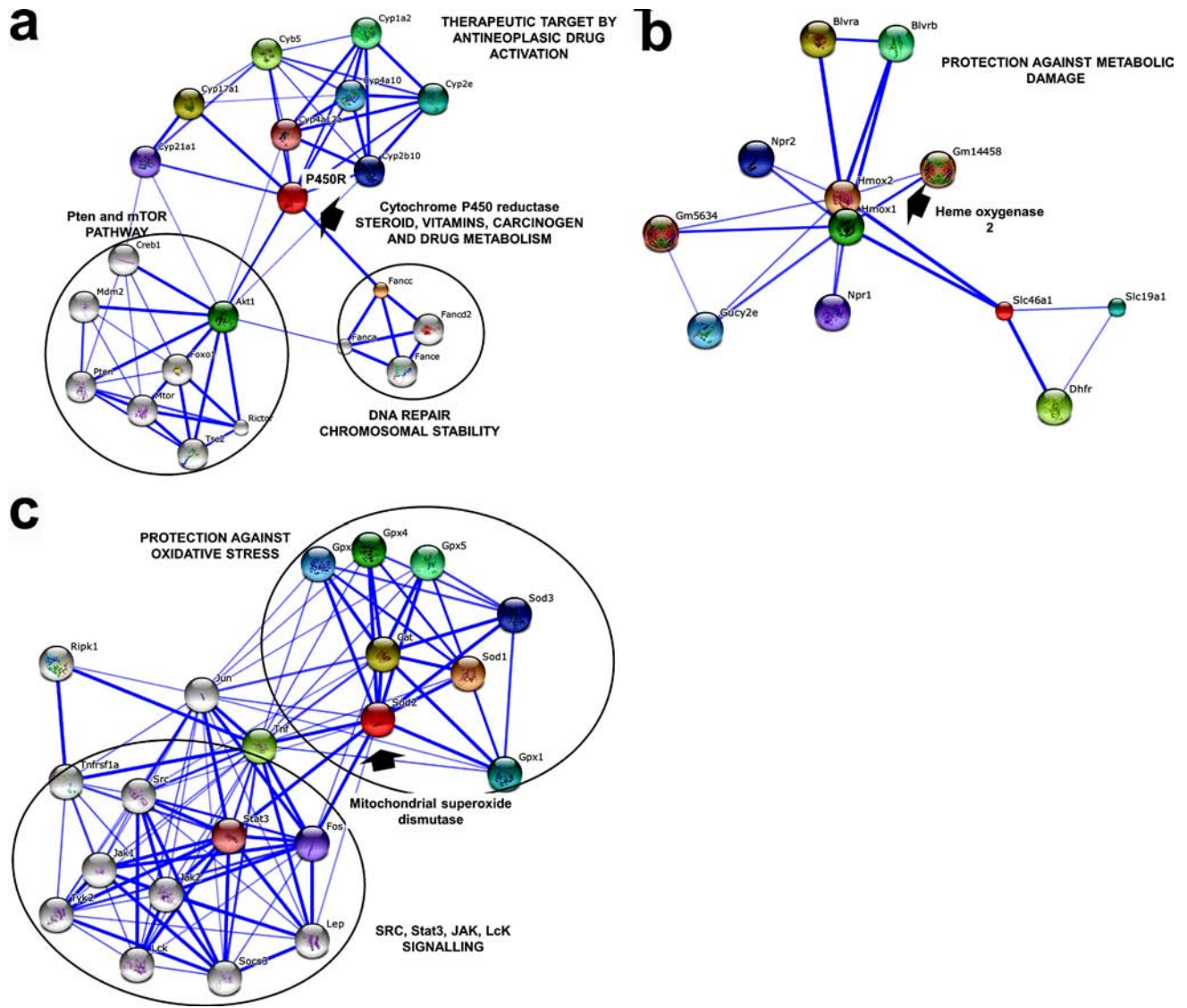
## SUPPLEMENTARY FIGURES AND TABLES



**Supplementary Figure S1: *Ex vivo*-differentiated MDSCs are phenotypically equivalent to their *in vivo* tumor-infiltrating MDSC counterparts but not to splenic MDSCs from tumor-bearing mice.** The graphs represent the percentage of expression of the indicated representative MDSC markers in monocytic (M-MDSC, top graph) and granulocytic (G-MDSC, bottom graph) subsets, in *ex vivo*-differentiated B16-MDSCs compared to splenic and tumor-infiltrating MDSCs from B16 melanoma-bearing mice. Expression of each marker was studied by flow cytometry using specific fluorochrome-conjugated antibodies. \*, \*\*, \*\*\*, represent significant ( $P < 0.05$ ), very significant ( $P < 0.01$ ) and highly significant ( $P < 0.001$ ) differences, respectively.



**Supplementary Figure S2: Linkage between up-regulated cell membrane receptors in MDSCs with the S100 protein family, ROS production and Src signaling.** The figure shows a STRING 9.1-derived protein map using the indicated proteins (arrows) as input nodes. These proteins were up-regulated in MDSCs compared to conventional DCs. Functional pathways are grouped and their roles indicated in the figure. S100 family members and Src signaling components have been recently exploited as MDSC-specific therapeutic targets.



**Supplementary Figure S3: Detoxification, ROS scavengers and protection against oxidative damage in MDSCs.** The figure shows STRING 9.1-derived protein maps using the indicated proteins (arrows) as input nodes. These proteins were up-regulated in MDSCs compared to conventional DCs. Functional pathways are grouped and their roles indicated in the figure. **(a)** P450R, **(b)** heme oxygenase 2 and **(c)** superoxide dismutase were used as input nodes.

**Supplementary Table S1. Differentially expressed proteins between B16-MDSCs and conventional DCs by iTRAQ.** All proteins were identified with >99% confidence (corresponding to a protein score cutoff > 2.0). DC1, DC2, and DC3 together with B16-1, B16-2, and B16-3 correspond to three independent biological replicates from DCs and B16-MDSCs respectively. Ratio corresponds to the protein reporter ion intensity originating from DC2 (Tag114), DC3 (Tag115), B16-1 (Tag116), B16-2 (Tag117), B16-3 (Tag118) relative to DC1 (Tag113), or with 293T-1, 293T-2 and 293T-3 as indicated. Proteins were considered to show a significant downward or upward trend if their expression ratios were < 0.77 or > 1.3 respectively. Ratios indicating differential expression (p-value < 0.05) are in bold. The complete set of proteins identified is provided in Data set 1.

## B16-MDSC vs DC DIFFERENTIALLY EXPRESSED PROTEINS

Gene symbol	Access Numb	Protein name	Ratio					P-value					%Cov 95%	Unique peptides
			DC2: DC1	DC3: DC1	B16-1 DC1	B16-2 DC1	B16-3 DC1	DC2: DC1	DC3: DC1	B16-1 DC1	B16-2 DC1	B16-3 DC1		
		<i>Down-regulated proteins in B16-MDSCs</i>												
<i>Anxa5</i>	P48036	Annexin A5	0.80	0.90	<b>0.08</b>	<b>0.10</b>	<b>0.10</b>	0.79	0.44	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	88	36
<i>Mfge8</i>	P21956	Lactadherin	1.07	0.92	<b>0.17</b>	<b>0.15</b>	<b>0.18</b>	0.94	0.09	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	40	19
<i>Dpysl2</i>	O08553	Dihydropyrimidinase-related protein 2	0.95	1.07	<b>0.24</b>	<b>0.39</b>	<b>0.25</b>	0.48	0.72	<b>0.01</b>	<b>0.03</b>	<b>0.00</b>	46	19
<i>Atp6v0d2</i>	Q80SY3	V-type proton ATPase subunit d 2	0.94	0.80	<b>0.30</b>	<b>0.43</b>	<b>0.36</b>	0.52	0.13	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	36.5	15
<i>Anpep</i>	P97449	Aminopeptidase N	0.79	0.97	<b>0.34</b>	<b>0.50</b>	<b>0.50</b>	0.74	0.72	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	37.7	45
<i>Lrpap1</i>	P55302	Alpha-2-macroglobulin receptor-associated protein	1.07	1.09	<b>0.35</b>	<b>0.43</b>	<b>0.36</b>	0.60	0.74	<b>0.04</b>	<b>0.00</b>	<b>0.00</b>	55.5	35
<i>Acox3</i>	Q9EPL9	Peroxisomal acyl-coenzyme A oxidase 3	0.86	0.82	<b>0.40</b>	<b>0.70</b>	<b>0.55</b>	0.48	0.21	<b>0.00</b>	<b>0.05</b>	<b>0.01</b>	47.7	29
<i>Emc1</i>	Q8C7X2	ER membrane protein complex subunit 1	1.09	0.99	<b>0.40</b>	<b>0.63</b>	<b>0.47</b>	0.91	0.89	<b>0.01</b>	<b>0.04</b>	<b>0.03</b>	25.7	28
<i>Hnrnpab</i>	Q99020	Heterogeneous nuclear ribonucleoprotein A/B	1.19	1.10	<b>0.52</b>	<b>0.56</b>	<b>0.46</b>	0.57	0.56	<b>0.01</b>	<b>0.01</b>	<b>0.00</b>	27.7	15
<i>Alox5</i>	P48999	Arachidonate 5-lipoxygenase	0.99	0.87	<b>0.54</b>	<b>0.53</b>	<b>0.59</b>	0.46	0.10	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	28.2	27
<i>Pigl</i>	Q9ET01	Glycogen phosphorylase, liver form	0.80	0.94	<b>0.58</b>	<b>0.56</b>	<b>0.62</b>	0.22	0.21	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	37.2	44
<i>Gdi2</i>	Q61598	Rab GDP dissociation inhibitor beta	0.89	0.93	<b>0.59</b>	<b>0.48</b>	<b>0.70</b>	0.64	0.45	<b>0.01</b>	<b>0.00</b>	<b>0.04</b>	58.2	26
<i>Ndufv1</i>	D3YUM1	NADH dehydrogenase [ubiquinone] flavoprotein 1, mitochondrial	0.86	0.94	<b>0.61</b>	<b>0.57</b>	<b>0.62</b>	0.25	0.80	<b>0.02</b>	<b>0.02</b>	<b>0.01</b>	51	22
<i>Cct7</i>	P80313	T-complex protein 1 subunit eta	0.93	1.16	<b>0.62</b>	<b>0.65</b>	<b>0.67</b>	0.22	0.94	<b>0.01</b>	<b>0.03</b>	<b>0.01</b>	40.8	31
<i>Vat1</i>	Q62465	Synaptic vesicle membrane protein VAT-1 homolog	0.82	0.86	<b>0.67</b>	<b>0.55</b>	<b>0.58</b>	0.15	0.39	<b>0.01</b>	<b>0.01</b>	<b>0.01</b>	63.3	24
<i>Cndp2</i>	Q9D1A2	Cytosolic non-specific dipeptidase	0.78	0.96	<b>0.70</b>	<b>0.68</b>	<b>0.69</b>	0.18	0.66	<b>0.05</b>	<b>0.04</b>	<b>0.03</b>	66.3	29

(Continued)

## B16-MDSC vs DC DIFFERENTIALLY EXPRESSED PROTEINS

Gene symbol	Access Num	Protein name	Ratio					P-value					%Cov 95%	Unique peptides
			DC2: DC1	DC3: DC1	B16-1 DC1	B16-2 DC1	B16-3 DC1	DC2: DC1	DC3: DC1	B16-1 DC1	B16-2 DC1	B16-3 DC1		
		<b>Tendency to down-regulation in B16-MDSCs</b>												
<i>Hadhb</i>	Q99JY0	Trifunctional enzyme subunit beta, mitochondrial	1.09	0.88	<b>0.47</b>	<b>0.63</b>	0.61	0.69	0.56	<b>0.02</b>	<b>0.05</b>	0.08	50.7	28
<i>Npc1</i>	O35604	Niemann-Pick C1 protein	1.10	0.96	<b>0.47</b>	<b>0.57</b>	0.75	0.43	0.37	<b>0.00</b>	<b>0.01</b>	0.10	5.4	10
<i>Copb1</i>	Q9JIF7	Coatomer subunit beta	0.96	0.82	<b>0.51</b>	<b>0.53</b>	0.77	0.52	0.59	<b>0.02</b>	<b>0.04</b>	0.24	23.7	26
<i>Hnrnpd</i>	G5E8G0	Heterogeneous nuclear ribonucleoprotein D, isoform CRA_b	1.01	1.08	<b>0.64</b>	<b>0.55</b>	0.69	0.98	0.74	<b>0.04</b>	<b>0.04</b>	0.07	47.4	12
<i>Fam129b</i>	Q8R1F1	Niban-like protein 1	0.85	1.04	<b>0.37</b>	0.60	<b>0.60</b>	0.42	0.99	<b>0.01</b>	0.06	<b>0.04</b>	17.4	14
<i>Ndufv2</i>	Q9D6J6	NADH dehydrogenase [ubiquinone] flavoprotein 2, mitochondrial	0.95	1.02	<b>0.38</b>	0.38	<b>0.26</b>	0.93	0.75	<b>0.01</b>	0.09	<b>0.03</b>	50.4	13
<i>Hnrnpa1</i>	Q5EBP8	Heterogeneous nuclear ribonucleoprotein A1	1.06	0.96	<b>0.38</b>	0.39	<b>0.34</b>	0.41	0.83	<b>0.02</b>	0.28	<b>0.03</b>	50.6	15
<i>Cpt1a</i>	P97742	Carnitine O-palmitoyltransferase 1, liver isoform	1.05	0.86	<b>0.52</b>	0.60	<b>0.59</b>	0.82	0.45	<b>0.02</b>	0.12	<b>0.03</b>	16.7	18
<i>Ptgs1</i>	P22437	Prostaglandin G/H synthase 1	0.79	0.85	<b>0.61</b>	0.70	<b>0.65</b>	0.41	0.30	<b>0.03</b>	0.13	<b>0.05</b>	35.2	28
<i>Bdh1</i>	Q80XN0	D-beta-hydroxybutyrate dehydrogenase, mitochondrial	0.85	0.86	<b>0.65</b>	0.71	<b>0.55</b>	0.24	0.33	<b>0.05</b>	0.10	<b>0.03</b>	34.1	15
<i>Atp6v1h</i>	Q8BVE3	V-type proton ATPase subunit H	0.85	0.80	<b>0.51</b>	0.72	0.67	0.70	0.22	<b>0.01</b>	0.44	0.41	39.3	18
<i>Lactb</i>	Q9EP89	Serine beta-lactamase-like protein LACTB, mitochondrial	1.14	0.84	<b>0.55</b>	0.70	0.67	0.67	0.59	<b>0.03</b>	0.18	0.16	34.1	22
<i>Dock2</i>	Q8C3J5	Dedicator of cytokinesis protein 2	1.08	1.17	<b>0.65</b>	0.74	0.74	0.94	0.46	<b>0.01</b>	0.10	0.10	9.8	30
<i>Gns</i>	Q8BFR4	N-acetylglucosamine-6-sulfatase	0.82	0.97	0.50	<b>0.42</b>	<b>0.37</b>	0.33	0.83	0.13	<b>0.03</b>	<b>0.04</b>	18.7	11
<i>Anxa7</i>	Q07076	Annexin A7	0.83	0.96	0.61	<b>0.63</b>	<b>0.64</b>	0.38	0.49	0.06	<b>0.01</b>	<b>0.01</b>	28.3	17
<i>Abhd12</i>	Q99LR1	Monoacylglycerol lipase ABHD12	1.29	0.95	0.25	<b>0.52</b>	0.61	0.12	0.91	0.07	<b>0.02</b>	0.06	45.2	19
<i>Ckb</i>	Q04447	Creatine kinase B-type	1.00	1.22	0.45	0.42	<b>0.21</b>	0.61	0.61	0.09	0.07	<b>0.00</b>	37.8	14
<i>Pacsin2</i>	Q9WVE8	PKC and casein kinase substrate in neurons protein 2	0.96	0.96	0.46	0.67	<b>0.36</b>	0.64	0.88	0.14	0.17	<b>0.01</b>	11.7	11
<i>Pgm1</i>	Q9D0F9	Phosphoglucomutase-1	0.79	0.87	0.66	0.72	<b>0.53</b>	0.52	0.57	0.38	0.23	<b>0.02</b>	12.1	12

## B16-MDSC vs DC DIFFERENTIALLY EXPRESSED PROTEINS

Gene symbol	Access Numb	Protein name	Ratio					P-value					%Cov 95%	Unique peptides
			DC2: DC1	DC3: DC1	B16-1 DC1	B16-2 DC1	B16-3 DC1	DC2: DC1	DC3: DC1	B16-1 DC1	B16-2 DC1	B16-3 DC1		
		<b>Up-regulated proteins in B16-MDSCs</b>												
<i>Clec10a</i>	F8WHB7	C-type lectin domain family 10 member A	1.14	1.26	<b>1.69</b>	<b>1.71</b>	<b>1.60</b>	0.19	0.21	<b>0.01</b>	<b>0.01</b>	<b>0.02</b>	51.1	9
<i>Sod2</i>	P09671	Superoxide dismutase [Mn], mitochondrial	0.99	0.84	<b>1.75</b>	<b>1.87</b>	<b>2.00</b>	0.46	0.43	<b>0.05</b>	<b>0.02</b>	<b>0.01</b>	58.1	16
<i>Gatm</i>	Q9D964	Glycine amidinotransferase, mitochondrial	0.93	1.22	<b>1.77</b>	<b>2.01</b>	<b>1.67</b>	0.84	0.36	<b>0.01</b>	<b>0.03</b>	<b>0.03</b>	49.4	24
<i>Irg1</i>	P54987	Cis-aconitate decarboxylase	1.01	1.04	<b>1.85</b>	<b>2.29</b>	<b>2.09</b>	0.50	0.93	<b>0.00</b>	<b>0.00</b>	<b>0.01</b>	39.5	15
<i>Mthfd2</i>	P18155	Bifunctional methylenetetrahydrofolate DH/cyclohydrolase	0.99	1.21	<b>1.89</b>	<b>1.92</b>	<b>1.77</b>	0.78	0.67	<b>0.04</b>	<b>0.01</b>	<b>0.03</b>	56	16
<i>Por</i>	P37040	NADPH-cytochrome P450 reductase	0.90	0.91	<b>1.94</b>	<b>2.13</b>	<b>2.15</b>	0.87	0.81	<b>0.00</b>	<b>0.01</b>	<b>0.00</b>	46.6	34
<i>Atp1a3</i>	Q8VCE0	ATPase, Na <sup>+</sup> /K <sup>+</sup> transporting, alpha 3 polypeptide	0.89	1.14	<b>2.07</b>	<b>1.85</b>	<b>1.79</b>	0.58	0.84	<b>0.00</b>	<b>0.01</b>	<b>0.05</b>	27.1	14
<i>Apobr</i>	Q8VBT6	Apolipoprotein B receptor	1.22	1.19	<b>2.11</b>	<b>2.58</b>	<b>2.54</b>	0.53	0.20	<b>0.02</b>	<b>0.01</b>	<b>0.00</b>	31	24
<i>Vapa</i>	Q9WV55	Vesicle-associated membrane protein-associated protein A	1.18	0.90	<b>2.19</b>	<b>2.17</b>	<b>2.31</b>	0.08	0.52	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	67.8	14
<i>Oat</i>	P29758	Ornithine aminotransferase, mitochondrial	0.99	1.17	<b>2.21</b>	<b>2.19</b>	<b>2.17</b>	0.63	0.75	<b>0.01</b>	<b>0.01</b>	<b>0.00</b>	65.4	34
<i>Actn4</i>	P57780	Alpha-actinin-4	0.87	0.82	<b>2.54</b>	<b>2.54</b>	<b>2.58</b>	0.82	0.98	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	68	44
<i>Clta</i>	B1AWD9	Clathrin light chain A	1.06	0.97	<b>3.28</b>	<b>2.15</b>	<b>2.83</b>	0.87	0.99	<b>0.01</b>	<b>0.04</b>	<b>0.03</b>	37.1	11
<i>Chi3l3</i>	O35744	Chitinase-3-like protein 3	0.82	0.80	<b>3.31</b>	<b>3.66</b>	<b>3.10</b>	0.22	0.32	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	67.8	34
<i>Thbs1</i>	Q80YQ1	Thrombospondin 1	1.13	1.07	<b>3.44</b>	<b>4.41</b>	<b>4.02</b>	0.88	0.59	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	22.1	30
<i>Mgl2</i>	A9XX86	MCG21506	0.90	1.11	<b>5.55</b>	<b>6.55</b>	<b>6.08</b>	0.75	0.29	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	53.8	27
		<b>Tendency to up-regulation in B16-MDSCs</b>												
<i>Cd180</i>	Q62192	CD180 antigen	1.01	1.18	<b>1.47</b>	<b>1.66</b>	1.39	0.94	0.57	<b>0.05</b>	<b>0.02</b>	0.16	22.4	12
<i>Plin3</i>	Q9DBG5	Perilipin-3	0.88	0.86	<b>2.27</b>	<b>1.80</b>	1.56	0.58	0.65	<b>0.01</b>	<b>0.02</b>	0.12	34.1	11
<i>Hmox2</i>	O70252	Heme oxygenase 2	1.22	0.79	1.32	<b>1.63</b>	<b>1.98</b>	0.28	0.15	0.16	<b>0.03</b>	<b>0.01</b>	42.2	17
<i>Fbl</i>	P35550	rRNA 2'-O-methyltransferase fibrillar	1.21	0.95	1.33	<b>1.79</b>	<b>1.64</b>	0.60	0.83	0.37	<b>0.03</b>	<b>0.04</b>	50.7	15
<i>Nsf</i>	P46460	Vesicle-fusing ATPase	0.90	0.95	1.39	<b>1.56</b>	<b>1.69</b>	0.67	0.23	0.11	<b>0.00</b>	<b>0.00</b>	46.5	34
<i>Ddx3x</i>	Q62167	ATP-dependent RNA helicase DDX3X	1.21	1.14	1.39	<b>1.67</b>	<b>1.60</b>	0.91	0.55	0.07	<b>0.02</b>	<b>0.04</b>	37.7	29

(Continued)

## B16-MDSC vs DC DIFFERENTIALLY EXPRESSED PROTEINS

Gene symbol	Access Num	Protein name	Ratio					P-value					%Cov 95%	Unique peptides
			DC2: DC1	DC3: DC1	B16-1 DC1	B16-2 DC1	B16-3 DC1	DC2: DC1	DC3: DC1	B16-1 DC1	B16-2 DC1	B16-3 DC1		
<i>Lrrc59</i>	Q922Q8	Leucine-rich repeat-containing protein 59	0.96	0.81	1.79	<b>2.78</b>	<b>2.70</b>	0.35	0.10	0.35	<b>0.00</b>	<b>0.00</b>	40.7	18
<i>Prkcsb</i>	O08795	Glucosidase 2 subunit beta	0.98	1.21	2.17	<b>2.63</b>	<b>2.88</b>	0.36	0.80	0.28	<b>0.04</b>	<b>0.03</b>	38.2	23
<i>Ephx1</i>	Q9D379	Epoxide hydrolase 1	0.89	0.82	1.32	<b>1.60</b>	1.39	0.85	0.50	0.18	<b>0.01</b>	0.07	45.2	23
<i>Snap23</i>	Q9D3L3	Synaptosomal-associated protein	0.93	0.96	1.43	<b>1.91</b>	1.79	0.64	0.59	0.10	<b>0.02</b>	0.06	67.8	14
<i>Aldh3b1</i>	Q80VQ0	Aldehyde dehydrogenase family 3 member B1	1.09	0.99	1.53	<b>2.49</b>	2.07	0.73	0.13	0.35	<b>0.01</b>	0.16	45.3	21
<i>Sf3a3</i>	Q9D554	Splicing factor 3A subunit 3	1.20	1.04	1.96	<b>2.17</b>	2.96	0.84	0.80	0.49	<b>0.02</b>	0.09	20.1	14
<i>Lmnb2</i>	P21619	Lamin-B2	1.19	1.22	1.77	1.39	<b>1.74</b>	0.81	0.61	0.06	0.18	<b>0.01</b>	62.4	30

**Supplementary Table S2.** Differentially expressed proteins between B16-MDSCs and 293T-MDSCs by iTRAQ. All the proteins have been identified with >99% confidence. The table includes gene name, UniprotKB accession number, protein name, ratios and p-values of expression between B16-MDSCs and 293T-MDSCs, percent coverage (95%), and unique peptides. B16-1, B16-2, and B16-3 together with 293T-1, 293T-2, and 293T-3 correspond to three independent biological replicates from B16-MDSCs and 293T-MDSCs respectively. Ratio corresponds to the protein reporter ion intensity originating from B16-2 (Tag114), B16-3 (Tag115), 293T-1 (Tag116), 293T-2 (Tag117), 293T-3 (Tag118) relative to B16-1 (Tag113). Proteins were considered to show a significant downward or upward trend if their expression ratios were < 0.77 or > 1.3 respectively. Ratios deemed to signify differential expression (p-value < 0.05) are in bold. The complete set of proteins identified is provided in Data set 2.

## B16-MDSC vs 293T-MDSC DIFFERENTIALLY EXPRESSED PROTEINS

Gene symbol	Access Num	Protein name	Ratio					P-value					%Cov 95%	Unique Peptides
			B16.2: B16.1	B16.3: B16.1	293T.1: B16.1	293T.2: B16.1	293T.3: B16.1	B16.2: B16.1	B16.3: B16.1	293T.1: B16.1	293T.2: B16.1	293T.3: B16.1		
		<i>Up-regulated proteins in B16-MDSCs</i>												
<i>Phgdh</i>	Q61753	D-3-phosphoglycerate dehydrogenase	0.79	0.79	<b>0.57</b>	<b>0.60</b>	<b>0.53</b>	0.30	0.07	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	18.95	10
		<i>Tendency to up-regulation in B16-MDSCs</i>												
<i>Prdx6</i>	Q6GT24	Peroxiredoxin 6	0.81	0.83	<b>0.76</b>	<b>0.76</b>	<b>0.72</b>	0.24	0.17	0.17	<b>0.02</b>	0.07	58.48	15
<i>Sod1</i>	P08228	Superoxide dismutase [Cu-Zn]	0.83	0.78	<b>0.62</b>	<b>0.63</b>	<b>0.62</b>	0.49	0.21	<b>0.01</b>	<b>0.00</b>	0.06	46.1	9
		<i>Down-regulated proteins in B16-MDSCs</i>												
<i>Slc2a6</i>	Q3UDF0	Protein Slc2a6	1.03	1.01	<b>1.84</b>	<b>1.68</b>	<b>1.32</b>	0.76	0.93	<b>0.00</b>	<b>0.08</b>	<b>0.40</b>	10.46	5
<i>Cd38</i>	P56528	ADP-ribosyl cyclase 1	1.05	0.90	<b>1.81</b>	<b>1.58</b>	<b>1.65</b>	0.53	0.25	<b>0.01</b>	<b>0.01</b>	<b>0.04</b>	9.539	5
<i>Hadha</i>	Q8BMS1	Trifunctional enzyme subunit alpha, mitochondrial	0.89	0.83	<b>1.33</b>	<b>1.50</b>	<b>1.31</b>	0.31	0.39	<b>0.02</b>	<b>0.00</b>	<b>0.03</b>	34.08	22
<i>Vim</i>	P20152	Vimentin	0.83	1.00	<b>1.72</b>	<b>1.69</b>	<b>1.40</b>	0.06	0.99	<b>0.00</b>	<b>0.00</b>	<b>0.02</b>	83.26	56
<i>Arg1</i>	Q61176	Arginase-1	0.85	0.88	<b>2.47</b>	<b>2.52</b>	<b>2.63</b>	0.18	0.71	<b>0.01</b>	<b>0.00</b>	<b>0.00</b>	43.96	15
		<i>Tendency to down-regulation in B16-MDSCs</i>												
<i>Sec63</i>	Q8VHE0	Translocation protein SEC63 homolog	1.26	1.09	1.59	<b>1.51</b>	1.39	0.34	0.66	0.22	<b>0.04</b>	0.33	2.763	5

(Continued)



## B16-MDSC vs 293T-MDSC DIFFERENTIALLY EXPRESSED PROTEINS

Gene symbol	Access Num	Protein name	Ratio					P-value					%Cov 95%	Unique Peptides
			B16.2: B16.1	B16.3: B16.1	293T.1: B16.1	293T.2: B16.1	293T.3: B16.1	B16.2: B16.1	B16.3: B16.1	293T.1: B16.1	293T.2: B16.1	293T.3: B16.1		
<i>Vti1b</i>	Q91XH6	Vesicle transport through interaction with t-SNAREs 1B homolog	0.98	0.00	<b>1.67</b>	<b>1.37</b>	1.31	0.69	0.91	<b>0.03</b>	<b>0.01</b>	0.22	26.29	7
<i>Psen1</i>	P49769	Presenilin-1	0.99	,	<b>1.38</b>	1.59	<b>1.50</b>	0.96	0.50	<b>0.43</b>	0.04	<b>0.15</b>	8.779	3
<i>Usp25</i>	P57080	Ubiquitin carboxyl-terminal hydrolase 25	0.99	1.05	<b>1.59</b>	1.35	1.46	0.94	0.70	<b>0.03</b>	0.08	0.14	1.232	3