

Supplementary table 3

Descriptive statistics for all plasma proteins analyzed in fibromyalgia (FM) patients (n=35) vs blood donor controls (n=46). The protein levels are expressed as Normalized Protein eXpression (NPX), as described in the Analytical Method subsection in the Methods section.

		Percentiles				
		10th	25th	50th	75th	90th
IL-8	blood donor controls	3,823342958112319	4,081997787229800	4,469957517575799	5,477258895490901	6,200771980151301
	FM patients	5,621438753882361	5,928093936079201	6,182516800924099	6,507841570992100	7,274184405232059
VEGF-A	blood donor controls	9,665895291794198	9,904838499330000	10,103769499738600	10,381138415339299	10,994913685087400
	FM patients	10,034503521688379	10,268921957516298	10,590187116467300	11,302893197133600	12,046669270441704
BDNF	blood donor controls	,203764596991170	1,990242569680900	5,720316094976899	9,155093829382420	10,760751051053410
	FM patients	,634818005132799	3,098094476411899	8,182572450338730	9,566786370089880	11,141721673693501
MCP-3	blood donor controls	,053854629817560	,332889893091300	,545287598504400	,875145556062500	1,466410075210140
	FM patients	,886455464408121	1,051957702883100	1,260780516831900	1,472044066138600	2,026968811684400
hGDNF	blood donor controls	,936646448459102	1,090864441156900	1,300019714138401	1,461889211975502	1,744258723042139
	FM patients	,895519937735920	,972382922266601	1,153445255123799	1,282865883316101	1,847586532142399
CDCP1	blood donor controls	,824999174229322	1,016407137865101	1,380338668655498	1,613582967146802	1,904403795390542
	FM patients	,906430519117621	1,225309443616800	1,489032968075098	1,848384167548301	2,224545040858100
CD244	blood donor controls	4,823981666420298	4,912918052183400	5,290907005085400	5,506142747512699	5,662753797934840
	FM patients	5,956609629179900	6,112915151043200	6,322937145001701	6,735334841702700	7,292720745514239
IL-7	blood donor controls	,402859469586339	,710768019963499	,982535604745502	1,275415750296900	1,534433556596601
	FM patients	3,238263253593940	3,430720784882799	3,707970574207200	3,945198600653100	4,134949179379541
OPG	blood donor controls	8,481300375128763	8,629793953709350	8,945267900939440	9,267217909705971	9,427990392224698
	FM patients	8,528515269002224	8,619282820279080	8,850067404431680	9,065186740701930	9,169179462344337
LAP TGF-beta-1	blood donor controls	4,835702001289580	5,081274098885700	5,340734114575199	5,581882685050699	5,957348601415041
	FM patients	5,934310322473480	6,141396676045600	6,473366116266201	6,797801516657898	7,551327676849218
Upa	blood donor controls	8,837044050548949	9,093755464680570	9,403267567546898	9,642900312878400	9,879833507107662
	FM patients	8,974523125765591	9,283937062515470	9,507564613143948	9,784753564460829	10,084455954937528
IL-6	blood donor controls	,203392203136360	,514281186577599	,792567417342699	1,165159542705299	1,837534277604562
	FM patients	,695190574582241	,974626046937498	1,330906942831099	1,788170804395700	1,987911876001639
IL-17C	blood donor controls	,125395800718267	,341373244981702	,617715858038002	1,071390031731101	1,622825244333119
	FM patients	,509635023635780	,698274552765302	1,067832906299801	1,401738182730401	1,500112274955919
MCP-1	blood donor controls	8,047804317863001	8,428450161662700	8,698530711064390	8,989443468182701	9,390652978840583
	FM patients	8,445543803515058	8,728051498218662	8,911964648794500	9,018184023889430	9,528662861123703
IL-17A	blood donor controls	-1,223290853552099	-1,223290853552099	-1,137177154556900	-,840616487420199	-,489979192039740
	FM patients	-1,223290853552099	-1,148465176194301	-,930915977351802	-,603746111085201	-,310724723528861
CXCL11	blood donor controls	4,730615585994960	5,449449836568800	5,927176118601000	6,517398771148899	7,445971687603882
	FM patients	6,998070719584519	7,835280865306300	8,309321458701700	8,909639969398501	9,593863224732260
AXIN1	blood donor controls	,423747762942140	1,035653874707498	2,027428664952298	2,500485904869700	3,089663482512420
	FM patients	5,819547517644100	6,272185090919800	6,723024672210499	7,041426394288701	7,921304963700579

TRAIL	blood donor controls	6,922270154956560	7,146317584070400	7,422640576909200	7,675574284355400	7,981684598603219
	FM patients	7,139720551752020	7,297933892840699	7,505489616881799	7,654173666161399	7,747810037772520
CXCL9	blood donor controls	5,049419695754061	5,471816279489501	5,930944755608199	6,572887852314699	7,077118374272342
	FM patients	4,986150209716500	5,255255282506400	5,996908192321400	6,371244898778500	6,820434599510761
CST5	blood donor controls	4,927428219287880	5,299882923075299	5,544074752132000	5,949666111537000	6,390826997504421
	FM patients	4,751119256984699	5,057949480596899	5,378907073922700	5,630280078920200	5,955859836631960
OSM	blood donor controls	1,990271313849978	2,347831724636598	2,789247211391200	3,384176638968600	3,841954781943141
	FM patients	1,966297674208679	2,154710620830302	2,774524599805000	3,448443287280500	3,896609361535079
CXCL1	blood donor controls	4,472736708434780	5,055390011463299	5,961447126970301	6,621020355802701	7,338788298957720
	FM patients	8,339646489850121	8,700093092111300	8,916062345388400	9,333620709893900	9,708149886185899
CCL4	blood donor controls	3,769366253799661	4,006832365437600	4,323585837984200	4,909518927408599	5,530798432813581
	FM patients	4,424358508401920	4,707968163002600	4,990423018024900	5,286798088724200	6,261594439716560
CD6	blood donor controls	2,982757027382541	3,223643710137601	3,518885040015000	3,968792232139300	4,308200589371721
	FM patients	2,730269708658700	2,940315765911599	3,288274585889299	3,580928714440300	3,825973348160419
SCF	blood donor controls	6,424071137421480	6,716046232414099	7,043038165002399	7,279187453817400	7,388157142177060
	FM patients	6,066034821211080	6,474939075999499	6,750895956636001	7,018102991570400	7,315701172653979
IL-18	blood donor controls	6,625588516901861	7,141859499681201	7,628090194180900	8,549671503267460	8,874913800787997
	FM patients	6,982134224162560	7,238859997118001	7,433256261140000	7,679716779084500	8,323340886187859
SLAMF1	blood donor controls	1,008561839216261	1,178080761264698	1,475680894441500	1,746347257727801	2,011013931916321
	FM patients	,986928145466080	1,035425752605201	1,181946365988300	1,415364451250601	1,732809911450400
TGFA	blood donor controls	-,002141857379101	,253061628236101	,514800661254499	,831999024741902	1,093391977177041
	FM patients	-,202356643068540	-,075703710497898	,231192655320000	,470805997265898	,744440460759079
MCP-4	blood donor controls	,250351653996981	,494988959439200	,801500898979700	1,130318921985001	1,450664434959121
	FM patients	1,646419287445921	1,907437526322499	2,153226890424400	2,670885328347100	3,002501328810900
CCL11	blood donor controls	5,931739545419419	6,197420641647799	6,477213243804700	6,780116249635601	7,037246607280660
	FM patients	5,996816088420919	6,128800280929701	6,371459341926000	6,582485561742899	6,866788024937740
TNFSF14	blood donor controls	,842903192518940	1,105472862040700	1,520046540167100	1,669629204994700	2,016442460443720
	FM patients	1,985926810225440	2,567229521500400	2,849269937791900	3,086239906253099	3,535576407783819
FGF-23	blood donor controls	,927430120431321	1,082117291602901	1,386932697779298	1,759106788154200	2,059097006534540
	FM patients	,759196078172139	,848088728552301	1,258898553702902	1,555174062134699	1,898916822009899
FGF-5	blood donor controls	,240967728407801	,335328150430500	,480064962183599	,782007554798699	1,043369723180341
	FM patients	,329252518799879	,465876895011799	,681586124306900	,817045627879100	1,018243244413279
MMP-1	blood donor controls	-,307657545540481	,215777662519000	,966496082589301	1,369185164977701	2,311276349055740
	FM patients	1,263158703440099	2,244077348368500	2,745056580383001	3,133153086907600	3,674756403767665
LIF-R	blood donor controls	1,792862669786180	1,966461959212101	2,070256555037800	2,449146882557399	2,830744318594619
	FM patients	1,575031207499680	1,664122667418001	1,807875732656401	2,046040121101801	2,312703609994059
FGF-21	blood donor controls	1,636474494081019	2,506754847582701	3,333318452345799	4,071577667995300	4,739837448929362
	FM patients	2,866470853022761	3,665205494492601	4,431355607185700	5,032930206175400	5,528699315846660
CCL19	blood donor controls	7,419801975228560	7,827829857661299	8,459688398339700	9,068255136553500	9,667123218788960
	FM patients	7,512897160864800	8,024604266067401	8,470566054183601	9,110577937037400	9,994553986469423
IL-15RA	blood donor controls	-,309578115294239	-,175573143699902	-,024292113652299	,231820508035201	,359207376949859

	FM patients	-,235249490936101	-,122839083402699	,075616103655300	,223568443020401	,396099519756181
IL-10RB	blood donor controls	4,263612196718720	4,431945777508600	4,741765741408599	4,969217081741700	5,276544266998700
	FM patients	4,103185702592881	4,343950337402799	4,609774546793700	4,789401213626800	4,888560795536181
IL-18R1	blood donor controls	5,036802010092781	5,205147446970000	5,664846092497000	5,935455972928300	6,122400829068861
	FM patients	5,118791461193061	5,297940966753500	5,535818877778600	5,669532892304200	6,002158251696120
PD-L1	blood donor controls	,701258548254451	,701258548254451	,701258548254451	,905062805543701	1,192260366562999
	FM patients	,701258548254451	,775150861358501	,910402129311100	1,109392680502799	1,685947031323380
Beta-NGF	blood donor controls	-,324831624574862	-,186289584842598	-,086156254149499	,148003023891199	,504035814487321
	FM patients	-,199072773900960	-,133657198764700	-,013620327309601	,201119455401900	,390267144756040
CXCL5	blood donor controls	6,370833779014800	7,275935204845801	8,620235892712800	9,220726103416471	9,798239710389101
	FM patients	12,066103482047340	12,246738194927920	12,462530843268949	12,501980858501211	12,562048323370053
TRANCE	blood donor controls	2,261314572512280	2,787876531802001	3,412549028105800	4,040292810328901	4,392954968252841
	FM patients	2,872767198714440	3,053034459861201	3,431606305449999	3,716851032412701	4,035538571541700
HGF	blood donor controls	5,130992118728400	5,285021700432000	5,492685644004699	5,815652135713399	6,147499879625361
	FM patients	5,244340307725240	5,511917413063300	5,744468285984500	5,925708846548001	6,257050363623019
IL-12B	blood donor controls	2,457382249721960	2,813976884275800	3,239792353819699	3,546613053939300	3,953640388888041
	FM patients	1,868606134034681	2,569850735877900	2,981292164174401	3,424772260830500	3,725890082048281
MMP-10	blood donor controls	4,796728052352180	5,089607950870400	5,549999372835400	6,005761248382699	6,426480309673380
	FM patients	4,968859393311400	5,259003941739199	5,605415907748599	6,219321958695799	6,954265384339158
IL-10	blood donor controls	1,082065922521540	1,533709394226001	1,893718122004799	2,177178343678600	2,417949234731039
	FM patients	1,203691437107579	1,507456226229598	1,693024294473999	1,974942811268101	2,447517885268120
CCL23	blood donor controls	8,091017053582059	8,242900744623999	8,606483507466720	9,012518823112350	9,246398226996952
	FM patients	8,061557067537200	8,337630793414500	8,545829394627699	8,922176927284099	9,107161335483726
CD5	blood donor controls	2,196793975803081	2,329993194838200	2,529169799422800	2,857629690830200	3,026694730404080
	FM patients	2,201994936159661	2,354859638289500	2,599211231736800	2,839200428955901	2,945557500524581
MIP-1 alpha	blood donor controls	,286728317894101	,551084499144900	,870237598830800	1,203601945833001	1,690964572362460
	FM patients	,958936218169460	1,114653181942001	1,408195488532599	1,868873830049201	2,156031235001840
Flt3L	blood donor controls	7,720868059721299	8,028577135964800	8,441088726367700	8,705382216452600	9,205194149098540
	FM patients	7,850414826689061	7,934091153279699	8,193559777054800	8,452272315030900	8,773014194245441
CXCL6	blood donor controls	4,263560601512920	4,814391311714100	5,352895604299699	5,715087334637800	6,197062501579760
	FM patients	7,457132691134479	8,078517933215200	8,699823705392600	9,074444591599100	9,972278754722930
CXCL10	blood donor controls	6,229161528684879	6,752807484096900	7,137661077576999	7,643062981456701	9,041385974072600
	FM patients	6,645666391421660	6,962369763294600	7,224274184809001	7,903331471421801	8,401876104568780
4E-BP1	blood donor controls	4,121073946008420	5,005761366640599	5,403256372339400	5,974122892834500	6,607075647036139
	FM patients	7,065863104938519	7,424566081257699	7,658055049604500	7,877211691823800	8,070415256949440
SIRT2	blood donor controls	3,291764576783460	3,734967955365901	4,356390231235698	4,669059480644901	5,286534279890260
	FM patients	8,348444536948880	8,626221958096298	8,913711962789900	9,023567895368900	9,183613960918258
CCL28	blood donor controls	-,379734949991742	-,220990777641501	-,057613934376099	,296756234081300	,677485553433980
	FM patients	,167598243461680	,329233456282599	,655664389595999	1,074544245601700	1,747151942375039
DNER	blood donor controls	5,952860555971200	6,175527374230000	6,469569071174800	6,643516506691900	6,761620069644260
	FM patients	6,020760770925260	6,144437347569199	6,240219043624999	6,347624328078900	6,565454909309419

EN-RAGE	blood donor controls	,627303786574261	1,287978983524699	2,002357316821901	2,580468716971998	2,933017954568119
	FM patients	-,287554503582419	-,098889942906801	,366191341833501	,808174853020699	1,372472585086681
CD40	blood donor controls	7,371101474822540	7,716043448210300	7,877578730958300	8,122079081202300	8,351180019356020
	FM patients	9,653676991533320	9,831777690060800	10,025663659808801	10,377062027751480	10,480556074681118
IFN-gamma	blood donor controls	-,360981158641851	-,225688609695999	-,083247054942799	,297235133942100	,728071465041882
	FM patients	-,253138619060061	-,086306610582801	,061415576956800	,329824565575299	,753938243674919
FGF-19	blood donor controls	6,307103109039019	6,952970933686199	7,864513665151799	8,551261982214340	9,018261566189360
	FM patients	5,897589006172820	6,437629783777400	6,892428677226000	7,380008537921199	8,086269902117360
MCP-2	blood donor controls	6,601565040291421	7,017837920314200	7,408199591234100	7,990622635941399	8,347963778391100
	FM patients	8,144761368809519	8,395439968647200	8,759539670099599	9,016451281388200	9,724950615500600
CASP-8	blood donor controls	1,663248512962040	1,889916818976400	2,503914730426899	3,269392157633200	3,710772812822659
	FM patients	3,135091416155480	3,472888191783199	3,755087893622400	4,179965252063099	4,638123449126019
CCL25	blood donor controls	4,158543544492919	4,699037371516400	5,181054449277601	5,490480086061701	6,055218515091441
	FM patients	4,163705922206201	4,418085588125099	4,811940854680199	5,163499026600801	5,557524327048379
CX3CL1	blood donor controls	4,339774448760180	4,488290278050201	4,742727618244398	4,959164271037100	5,367116798223780
	FM patients	4,239257957126501	4,358306551996099	4,644165930975701	4,853493475216000	5,057137941385920
TNFRSF9	blood donor controls	4,551555888748578	4,824772893356701	5,127441022611600	5,316751573487600	5,521896118351481
	FM patients	4,361982816091840	4,737467388746000	4,989955920067300	5,366956108062301	5,544652790347860
NT-3	blood donor controls	,804375828973439	1,022990237627800	1,241443807703901	1,448333882971399	1,980749131521782
	FM patients	,785420412560161	1,000090933451700	1,187928888903102	1,440844978649398	2,047336248494680
TWEAK	blood donor controls	4,361947650865320	7,106325536534000	8,073460057951099	8,312728983509100	8,543647130303478
	FM patients	4,630245103108139	6,055460805332100	8,246624933757401	8,543274518876600	9,010374485384300
CCL20	blood donor controls	,242979143628568	,242979143628568	4,584729140935599	4,996137081915899	5,999225806538941
	FM patients	,242979143628568	,242979143628568	5,117428501017999	5,788118350589601	6,270039165828779
ST1A1	blood donor controls	-,1221233464452621	-,947866414235600	-,035922038577300	,783290024335500	1,458596117915782
	FM patients	1,442371041477700	1,604398243901802	1,861254459246201	2,073925264381199	2,308086778314180
STAMPB	blood donor controls	3,228708370061539	3,512668410029799	4,002655378686399	4,297071113485900	4,717375548311900
	FM patients	7,602971451860579	7,765215005636500	7,992706979536300	8,265432164147800	8,486852959454641
ADA	blood donor controls	3,513886360854361	3,755776819980199	3,868295646155698	4,241960178813997	4,730266050094240
	FM patients	4,527674219967299	4,722131023407400	5,017372212657200	5,356754496897500	6,023615035466639
TNFB	blood donor controls	1,954873978634601	2,180817381131100	2,412712544927898	2,684760776463000	2,881673126384320
	FM patients	1,888653570498740	2,041029038383702	2,311810472745800	2,555522524903300	2,769844104864880
CSF-1	blood donor controls	6,414267619070360	6,610186652983099	6,749684646378499	6,922609506405600	7,049392989059160
	FM patients	6,433621814693000	6,549562762309300	6,664888394060899	6,796770293415200	6,928008506195900