

## ORIGINAL RESEARCH ARTICLE

# Bioinformatics analysis of missense mutations in CXCR1 implicates altered protein stability and function

## Supplementary File

**Table S1. Reported CXCR1 gene mutations**

Serial number	Mutants	Serial number	Mutants
1	M1L	33	N38I
2	M1V	34	K39E
3	M1R	35	Y40H
4	M1T	36	V42L
5	M1I	37	A45T
6	I4T	38	Y46C
7	T5I	39	V49G
8	M9L	40	F50L
9	W10R	41	F50C
10	F12S	42	L51P
11	D13G	43	L52Q
12	N16H	44	S53N
13	T18P	45	N57D
14	G19V	46	S58F
15	P21S	47	L59P
16	P21L	48	M61V
17	P22S	49	M61I
18	A23G	50	L62P
19	A23T	51	V63I
20	D24V	52	I64T
21	D26G	53	I64V
22	D26A	54	Y66H
23	Y27D	55	Y66N
24	P29L	56	S67N
25	P29S	57	R68K
26	P29A	58	V69G
27	P29T	59	G70S
28	C30S	60	R71C
29	T34I	61	R71H
30	L37H	62	S72F
31	L37F	63	V73I
32	N38K	64	T74S

(Cont'd...)

**Table S1. (Continued)**

Serial number	Mutants	Serial number	Mutants
65	D75H	97	F108Y
66	V76F	98	L109P
67	V76I	99	C110W
68	Y77F	100	K111E
69	Y77C	101	K111R
70	L78P	102	V112M
71	N80T	103	E118K
72	N80D	104	N120S
73	A82V	105	F121Y
74	A84D	106	Y122H
75	D85N	107	G124D
76	L87I	108	I125V
77	F88L	109	L127P
78	A89S	110	A129T
79	T91I	111	I131T
80	L92F	112	S132T
81	P93S	113	S132N
82	P93T	114	V133M
83	P93H	115	D134V
84	W95S	116	D134G
85	A97S	117	D134E
86	A97T	118	R135C
87	K99E	119	R135L
88	G102D	120	R135H
89	W103R	121	A138T
90	I104S	122	I139T
91	T107I	123	V140F
92	T107K	124	R144C
93	T107S	125	R144S
94	T107A	126	R144H
95	T107P	127	L146M
96	F108L	128	T147A

(Cont'd...)

**Table S1. (Continued)**

Serial number	Mutants	Serial number	Mutants
129	Q148H	171	V201G
130	K149T	172	V201A
131	R150H	173	L202S
132	R150C	174	R203Q
133	H151Y	175	R203W
134	L152F	176	I204S
135	V156F	177	I204T
136	C157F	178	H207D
137	L158F	179	H207Q
138	G159D	180	T208S
139	W161L	181	F209V
140	W161C	182	F211L
141	L163P	183	F211V
142	S164F	184	V213M
143	S164C	185	P214L
144	M165I	186	F216L
145	P170S	187	V217I
146	P170T	188	M218L
147	P170L	189	Y222C
148	F174L	190	G223R
149	F174S	191	G223E
150	R175C	192	T225A
151	R175L	193	T225P
152	R175H	194	R227P
153	Q176R	195	R227H
154	A177S	196	R227C
155	N182S	197	T228P
156	S183F	198	F230L
157	S184R	199	A232P
158	P185S	200	A232T
159	P185L	201	H233Y
160	C187Y	202	M234V
161	Y188C	203	M234I
162	Y188N	204	M234R
163	V190I	205	G235V
164	G192R	206	H238Y
165	T195I	207	H238N
166	R199W	208	H238Q
167	R199G	209	H238P
168	R199L	210	R239G
169	R199Q	211	R239Q
170	M200L	213	R242K

(Cont'd...)

**Table S1. (Continued)**

Serial number	Mutants	Serial number	Mutants
214	I244N	257	C299F
215	I244F	258	P302S
216	A246V	259	I304N
217	V248I	260	A306T
218	L256M	261	G309S
219	P257S	262	F312S
220	A264T	263	F312I
221	A264E	264	R313L
222	T266S	265	R313H
223	M268K	267	R313C
224	M268V	268	H314L
225	M268L	269	H314R
226	R269K	270	G315E
227	T270I	271	L317I
228	V272A	272	I319N
229	V272M	273	L320P
230	I273V	274	A321T
231	E275D	275	M322T
232	S276T	276	M322V
233	C277S	277	H323D
234	E278K	278	H323R
235	R279P	279	H323Q
236	R279H	280	G324R
237	R279C	281	S327N
238	R280C	282	R333L
239	R280L	283	R333H
240	R280H	284	R333C
241	I283F	285	H334R
242	I283V	286	R335C
243	G284V	287	R335P
244	G284S	288	R335H
245	R285W	289	T337N
246	R285L	290	T337P
247	R285Q	291	S338F
248	A286T	292	S341F
249	D288V	293	S342L
250	A289G	294	N345S
251	T290A	295	N345D
252	E291K	296	V346I
253	I292T	257	C299F
254	L293P	297	S347F
255	F295V	298	S348P
256	L296F	299	L350F