

Comparison of single wavelength reads vs single wavelength read in wells that have been read repeatedly in the spectra script

20171119 MI 1 uM p38

Ligs -

p38 1 uM & Inhib													
		Bosutinib			Bosutinib Isomer			Gefitinib			Erlotinib		
using column 1 for single vv	inhibitor conc. (uM)	single vv	single vv spectra well	spectra 480	single vv	single vv spectra well	spectra 480	single vv	single vv spectra well	spectra 480	single vv	single vv spectra well	spectra 480
single vv spectra well using column 5	0.0000	274	359	339	325	387	311	335	327	318	268	287	302
	0.0080	289	280	342	256	280	327	275	313	340	307	339	323
	0.0175	302	293	359	264	282	330	292	306	360	273	282	333
	0.0383	334	312	372	271	292	349	335	356	417	298	299	342
	0.0837	382	354	451	282	309	372	441	480	561	352	429	382
	0.1830	542	513	597	366	403	458	822	865	971	384	420	480
	0.4000	867	923	1094	571	630	718	1609	1640	1849	617	588	667
	0.8750	1685	1750	2477	1133	1205	1381	3197	3226	3664	926	1186	1091
	1.9100	2810	2828	3239	2155	2312	2588	5383	7544	5938	1836	1985	1943
	4.1800	3683	3760	4196	3881	4182	4452	7594	7340	7740	3188	3206	3423
	9.1500	4286	4256	4797	5479	5720	6445	7883	7734	8907	7189	4998	5419
	20.0000	5212	5195	6150	6820	7255	8240	7878	7775	8935	15361	13675	14237
Buffer & Inhib													
		Bosutinib			Bosutinib Isomer			Gefitinib			Erlotinib		
using column 2 for buffer single vv	inhibitor conc. (uM)	single vv	single vv spectra well	spectra 480	single vv	single vv spectra well	spectra 480	single vv	single vv spectra well	spectra 480	single vv	single vv spectra well	spectra 480
single vv spectra well using column 6	0.0000	193	288	239	254	223	219	243	241	227	192	215	216
	0.0080	207	211	256	236	202	234	191	210	241	240	244	227
	0.0175	204	214	248	235	199	231	203	209	240	190	203	240
	0.0383	209	223	268	276	202	242	203	217	246	202	209	238
	0.0837	233	219	264	248	203	238	216	221	266	224	305	243
	0.1830	244	229	269	260	211	249	273	249	294	212	217	250
	0.4000	266	273	315	305	233	262	292	306	376	221	223	262
	0.8750	410	418	496	395	341	380	348	383	443	258	307	278
	1.9100	744	789	925	840	828	1029	490	785	571	334	396	359
	4.1800	1295	1539	1520	1650	1685	1749	726	776	900	608	738	878
	9.1500	1973	1943	2243	2177	2110	2403	930	992	1180	3157	2014	2103
	20.0000	3124	3094	3644	2595	2614	2992	1204	1267	1550	7774	7900	7468

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Ligs 5-8

p38 1 uM & Inhib

using column 1 for
single wv

single wv spectra
well using column
5

Ponatinib			Lapatinib			Pazopanib			Axitinib		
single wv	single wv spectra well	spectra 480	single wv	single wv spectra well	spectra 480	single wv	single wv spectra well	spectra 480	single wv	single wv spectra well	spectra 480
268	277	305	261	282	316	268	284	308	273	295	315
495	552	568	276	304	320	269	329	331	280	318	339
599	724	808	324	338	332	303	355	332	365	481	405
1172	1898	1539	302	334	355	298	316	347	370	485	454
2486	3460	3174	362	404	383	335	355	377	383	480	450
6226	8707	7186	413	704	594	376	575	464	368	420	397
16085	20190	15614	774	875	719	555	627	619	369	474	484
27992	32665	28836	1488	1028	1018	928	963	987	448	466	493
38648	39092	38957	2576	2791	2355	1416	1545	1557	566	615	634
55222	52744	54727	4562	3139	2926	2389	2404	2330	851	919	888
85443	73142	72807	9852	10306	9188	12731	13988	11771	1488	1590	1474
66351	89387	71336	25707	30672	25088	66760	59021	57789	3595	5161	4242

Buffer & Inhib

using column 2 for
buffer single wv

single wv spectra
well using column
6

Ponatinib			Lapatinib			Pazopanib			Axitinib		
single wv	single wv spectra well	spectra 480	single wv	single wv spectra well	spectra 480	single wv	single wv spectra well	spectra 480	single wv	single wv spectra well	spectra 480
189	204	226	190	205	239	188	207	217	194	193	209
269	257	245	198	202	222	199	263	246	221	239	239
247	251	250	217	243	221	259	262	247	284	289	237
398	511	273	202	215	231	211	216	255	239	266	250
559	554	321	218	233	223	232	222	237	260	254	239
1070	1369	539	216	287	239	241	266	266	269	266	271
2742	2146	1378	250	326	253	309	290	281	278	283	289
3960	4350	3714	405	335	309	302	293	326	384	355	366
11272	7884	8706	633	616	572	371	390	418	674	585	605
26141	23315	25251	803	812	731	601	658	658	1393	1368	1478
77306	56738	61173	6024	6555	5303	17535	6221	14705	3841	3326	3328
66419	91914	71365	24286	25034	20140	23162	26578	14363	7047	5829	6307