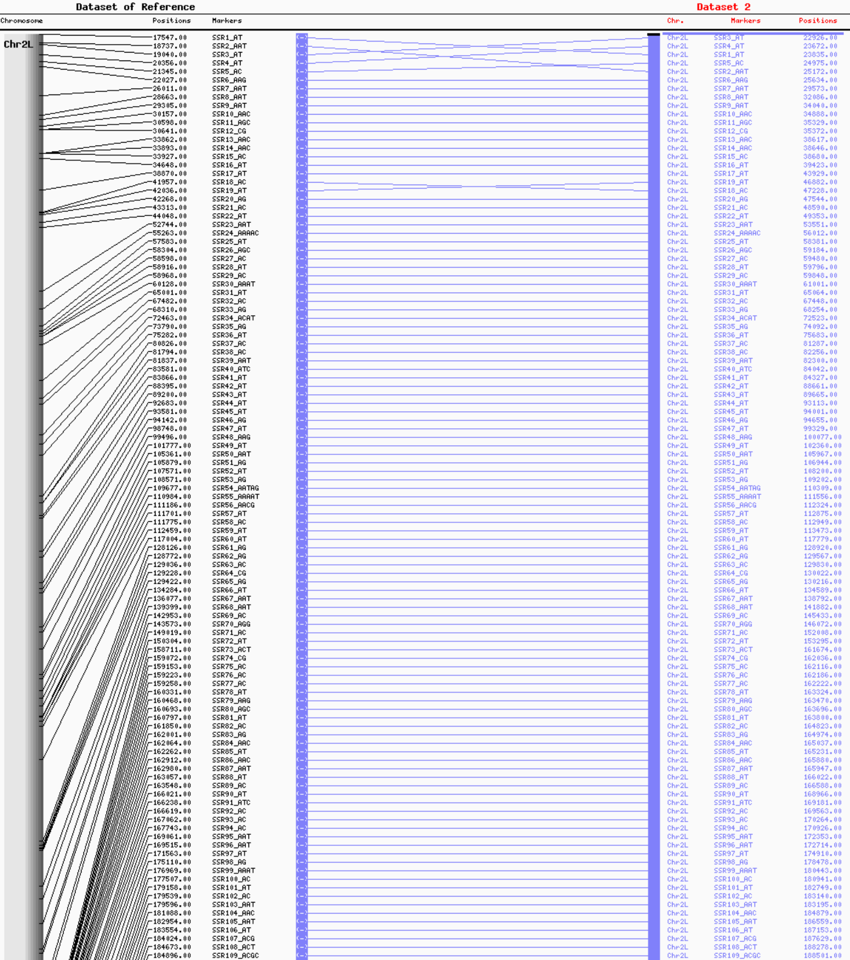

Dataset of Reference

Chromosome	Positions	Markers
Chr2L	17547.00	SSR1_AT
	18737.00	SSR2_AAT
	19040.00	SSR3_AT
	20356.00	SSR4_AT
	21345.00	SSR5_AC
	22027.00	SSR6_AAG
	26011.00	SSR7_AAT
	28663.00	SSR8_AAT
	29305.00	SSR9_AAT
	30157.00	SSR10_AAC
	30598.00	SSR11_AGC
	30641.00	SSR12_CG
	33862.00	SSR13_AAC
	33893.00	SSR14_AAC
	33927.00	SSR15_AC
	34648.00	SSR16_AT
	38870.00	SSR17_AT
	41957.00	SSR18_AC
	42036.00	SSR19_AT
	42268.00	SSR20_AG
	43313.00	SSR21_AC
	44048.00	SSR22_AT
	52744.00	SSR23_AAT
	55263.00	SSR24_AAAAC
	57583.00	SSR25_AT
	58304.00	SSR26_AGC
	58598.00	SSR27_AC
	58916.00	SSR28_AT
	58968.00	SSR29_AC
	60128.00	SSR30_AAAT
	65001.00	SSR31_AT
	67482.00	SSR32_AC
	68310.00	SSR33_AG
	72463.00	SSR34_ACAT
	73790.00	SSR35_AG
	75282.00	SSR36_AT
	80826.00	SSR37_AC
	81794.00	SSR38_AC
	81837.00	SSR39_AAT
	83581.00	SSR40_ATC
	83866.00	SSR41_AT
	88395.00	SSR42_AT
	89200.00	SSR43_AT
	92683.00	SSR44_AT
	93581.00	SSR45_AT
	94142.00	SSR46_AG
	98748.00	SSR47_AT
	99496.00	SSR48_AAG
	101777.00	SSR49_AT
	105361.00	SSR50_AAT
	105879.00	SSR51_AG
	107571.00	SSR52_AT
	108571.00	SSR53_AG
	109677.00	SSR54_AATAG
	110984.00	SSR55_AAAAT
	111186.00	SSR56_AACG
	111701.00	SSR57_AT
	111775.00	SSR58_AC
	112459.00	SSR59_AT
	117004.00	SSR60_AT
	128126.00	SSR61_AG
	128772.00	SSR62_AG
	129036.00	SSR63_AC
	129228.00	SSR64_CG
	129422.00	SSR65_AG
	134284.00	SSR66_AT
	136077.00	SSR67_AAT
	139399.00	SSR68_AAT
	142953.00	SSR69_AC
	143573.00	SSR70_AGG
	149019.00	SSR71_AC
	150304.00	SSR72_AT
	158711.00	SSR73_ACT
	159072.00	SSR74_CG
	159153.00	SSR75_AC
	159223.00	SSR76_AC
	159258.00	SSR77_AC
	160331.00	SSR78_AT
	160468.00	SSR79_AAG
	160693.00	SSR80_AGC
	160797.00	SSR81_AT
	161850.00	SSR82_AC
	162001.00	SSR83_AG
	162064.00	SSR84_AAC
	162262.00	SSR85_AT
	162912.00	SSR86_AAC
	162980.00	SSR87_AAT
	163057.00	SSR88_AT
	163548.00	SSR89_AC
	166021.00	SSR90_AT
	166238.00	SSR91_ATC
	166619.00	SSR92_AC
	167062.00	SSR93_AC
	167743.00	SSR94_AC
	169061.00	SSR95_AAT
	169515.00	SSR96_AAT
	171563.00	SSR97_AT
	175110.00	SSR98_AG
	176969.00	SSR99_AAAT
	177507.00	SSR100_AC
	179158.00	SSR101_AT
	179539.00	SSR102_AC
	179596.00	SSR103_AAT
	181088.00	SSR104_AAC
	182954.00	SSR105_AAT
	183554.00	SSR106_AT
	184024.00	SSR107_ACG
	184673.00	SSR108_ACT
	184896.00	SSR109_ACGC

Dataset 2

Chr.	Markers	Positions
Chr2L	SSR3_AT	22926.00
Chr2L	SSR4_AT	23672.00
Chr2L	SSR1_AT	23835.00
Chr2L	SSR5_AC	24975.00
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Chr2L	SSR9_AAT	34040.00
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Chr2L	SSR11_AGC	35329.00
Chr2L	SSR12_CG	35372.00
Chr2L	SSR13_AAC	38617.00
Chr2L	SSR14_AAC	38646.00
Chr2L	SSR15_AC	38680.00
Chr2L	SSR16_AT	39423.00
Chr2L	SSR17_AT	43929.00
Chr2L	SSR19_AT	46882.00
Chr2L	SSR18_AC	47228.00
Chr2L	SSR20_AG	47544.00
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Chr2L	SSR23_AAT	53551.00
Chr2L	SSR24_AAAAC	56012.00
Chr2L	SSR25_AT	58381.00
Chr2L	SSR26_AGC	59184.00
Chr2L	SSR27_AC	59480.00
Chr2L	SSR28_AT	59796.00
Chr2L	SSR29_AC	59848.00
Chr2L	SSR30_AAAT	61001.00
Chr2L	SSR31_AT	65064.00
Chr2L	SSR32_AC	67448.00
Chr2L	SSR33_AG	68254.00
Chr2L	SSR34_ACAT	72523.00
Chr2L	SSR35_AG	74092.00
Chr2L	SSR36_AT	75683.00
Chr2L	SSR37_AC	81287.00
Chr2L	SSR38_AC	82256.00
Chr2L	SSR39_AAT	82300.00
Chr2L	SSR40_ATC	84042.00
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Chr2L	SSR42_AT	88661.00
Chr2L	SSR43_AT	89665.00
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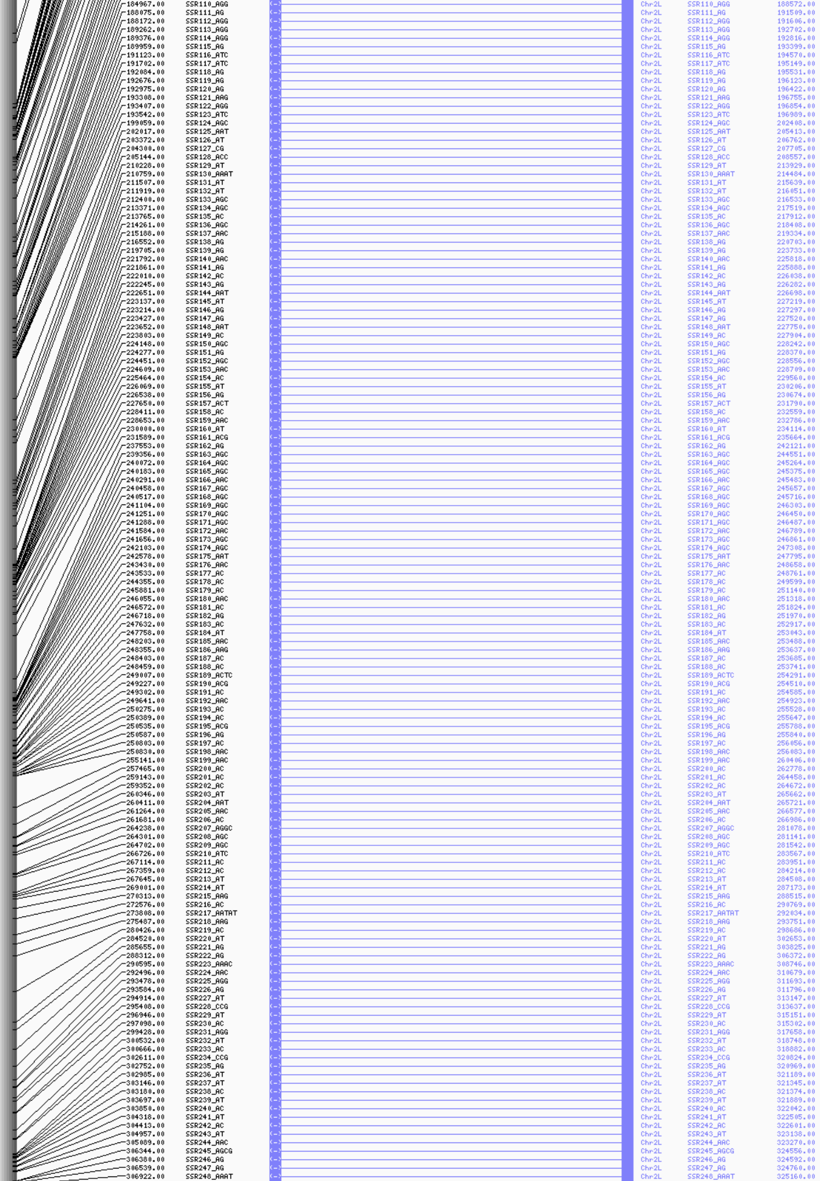

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189262.00	SSR113_AGG	(-)	Chr2L	SSR113_AGG	192702.00
189376.00	SSR114_AGG	(-)	Chr2L	SSR114_AGG	192816.00
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191123.00	SSR116_ATC	(-)	Chr2L	SSR116_ATC	194570.00
191702.00	SSR117_ATC	(-)	Chr2L	SSR117_ATC	195149.00
192084.00	SSR118_AG	(-)	Chr2L	SSR118_AG	195531.00
192676.00	SSR119_AG	(-)	Chr2L	SSR119_AG	196123.00
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193308.00	SSR121_AAG	(-)	Chr2L	SSR121_AAG	196755.00
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193542.00	SSR123_ATC	(-)	Chr2L	SSR123_ATC	196989.00
199059.00	SSR124_AGC	(-)	Chr2L	SSR124_AGC	202408.00
202017.00	SSR125_AAT	(-)	Chr2L	SSR125_AAT	205413.00
203372.00	SSR126_AT	(-)	Chr2L	SSR126_AT	206762.00
204300.00	SSR127_CG	(-)	Chr2L	SSR127_CG	207705.00
205144.00	SSR128_ACC	(-)	Chr2L	SSR128_ACC	208557.00
210228.00	SSR129_AT	(-)	Chr2L	SSR129_AT	213929.00
210759.00	SSR130_AAAT	(-)	Chr2L	SSR130_AAAT	214484.00
211507.00	SSR131_AT	(-)	Chr2L	SSR131_AT	215639.00
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212400.00	SSR133_AGC	(-)	Chr2L	SSR133_AGC	216533.00
213371.00	SSR134_AGC	(-)	Chr2L	SSR134_AGC	217519.00
213765.00	SSR135_AC	(-)	Chr2L	SSR135_AC	217912.00
214261.00	SSR136_AGC	(-)	Chr2L	SSR136_AGC	218408.00
215188.00	SSR137_AAC	(-)	Chr2L	SSR137_AAC	219334.00
216552.00	SSR138_AG	(-)	Chr2L	SSR138_AG	220703.00
219705.00	SSR139_AG	(-)	Chr2L	SSR139_AG	223733.00
221792.00	SSR140_AAC	(-)	Chr2L	SSR140_AAC	225818.00
221861.00	SSR141_AG	(-)	Chr2L	SSR141_AG	225888.00
222010.00	SSR142_AC	(-)	Chr2L	SSR142_AC	226038.00
222245.00	SSR143_AG	(-)	Chr2L	SSR143_AG	226282.00
222651.00	SSR144_AAT	(-)	Chr2L	SSR144_AAT	226698.00
223137.00	SSR145_AT	(-)	Chr2L	SSR145_AT	227219.00
223214.00	SSR146_AG	(-)	Chr2L	SSR146_AG	227297.00
223427.00	SSR147_AG	(-)	Chr2L	SSR147_AG	227520.00
223652.00	SSR148_AAT	(-)	Chr2L	SSR148_AAT	227750.00
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224148.00	SSR150_AGC	(-)	Chr2L	SSR150_AGC	228242.00
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224451.00	SSR152_AGC	(-)	Chr2L	SSR152_AGC	228556.00
224609.00	SSR153_AAC	(-)	Chr2L	SSR153_AAC	228709.00
225464.00	SSR154_AC	(-)	Chr2L	SSR154_AC	229560.00
226069.00	SSR155_AT	(-)	Chr2L	SSR155_AT	230206.00
226538.00	SSR156_AG	(-)	Chr2L	SSR156_AG	230674.00
227650.00	SSR157_ACT	(-)	Chr2L	SSR157_ACT	231790.00
228411.00	SSR158_AC	(-)	Chr2L	SSR158_AC	232559.00
228653.00	SSR159_AAC	(-)	Chr2L	SSR159_AAC	232786.00
230000.00	SSR160_AT	(-)	Chr2L	SSR160_AT	234114.00
231589.00	SSR161_ACG	(-)	Chr2L	SSR161_ACG	235664.00
237553.00	SSR162_AG	(-)	Chr2L	SSR162_AG	242121.00
239356.00	SSR163_AGC	(-)	Chr2L	SSR163_AGC	244551.00
240072.00	SSR164_AGC	(-)	Chr2L	SSR164_AGC	245264.00
240183.00	SSR165_AGC	(-)	Chr2L	SSR165_AGC	245375.00
240291.00	SSR166_AAC	(-)	Chr2L	SSR166_AAC	245483.00
240458.00	SSR167_AGC	(-)	Chr2L	SSR167_AGC	245657.00
240517.00	SSR168_AGC	(-)	Chr2L	SSR168_AGC	245716.00
241104.00	SSR169_AGC	(-)	Chr2L	SSR169_AGC	246303.00
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241288.00	SSR171_AGC	(-)	Chr2L	SSR171_AGC	246487.00
241584.00	SSR172_AAC	(-)	Chr2L	SSR172_AAC	246789.00
241656.00	SSR173_AGC	(-)	Chr2L	SSR173_AGC	246861.00
242103.00	SSR174_AGC	(-)	Chr2L	SSR174_AGC	247308.00
242578.00	SSR175_AAT	(-)	Chr2L	SSR175_AAT	247795.00
243430.00	SSR176_AAC	(-)	Chr2L	SSR176_AAC	248658.00
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246055.00	SSR180_AAC	(-)	Chr2L	SSR180_AAC	251318.00
246572.00	SSR181_AC	(-)	Chr2L	SSR181_AC	251824.00
246718.00	SSR182_AG	(-)	Chr2L	SSR182_AG	251970.00
247632.00	SSR183_AC	(-)	Chr2L	SSR183_AC	252917.00
247758.00	SSR184_AT	(-)	Chr2L	SSR184_AT	253043.00
248203.00	SSR185_AAC	(-)	Chr2L	SSR185_AAC	253488.00
248355.00	SSR186_AAG	(-)	Chr2L	SSR186_AAG	253637.00
248403.00	SSR187_AC	(-)	Chr2L	SSR187_AC	253685.00
248459.00	SSR188_AC	(-)	Chr2L	SSR188_AC	253741.00
249007.00	SSR189_ACTC	(-)	Chr2L	SSR189_ACTC	254291.00
249227.00	SSR190_ACG	(-)	Chr2L	SSR190_ACG	254510.00
249302.00	SSR191_AC	(-)	Chr2L	SSR191_AC	254585.00
249641.00	SSR192_AAC	(-)	Chr2L	SSR192_AAC	254923.00
250275.00	SSR193_AC	(-)	Chr2L	SSR193_AC	255528.00
250389.00	SSR194_AC	(-)	Chr2L	SSR194_AC	255647.00
250535.00	SSR195_ACG	(-)	Chr2L	SSR195_ACG	255788.00
250587.00	SSR196_AG	(-)	Chr2L	SSR196_AG	255840.00
250803.00	SSR197_AC	(-)	Chr2L	SSR197_AC	256056.00
250830.00	SSR198_AAC	(-)	Chr2L	SSR198_AAC	256083.00
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261681.00	SSR206_AC	(-)	Chr2L	SSR206_AC	266986.00
264238.00	SSR207_AGGC	(-)	Chr2L	SSR207_AGGC	281078.00
264301.00	SSR208_AGC	(-)	Chr2L	SSR208_AGC	281141.00
264702.00	SSR209_AGC	(-)	Chr2L	SSR209_AGC	281542.00
266726.00	SSR210_ATC	(-)	Chr2L	SSR210_ATC	283567.00
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269001.00	SSR214_AT	(-)	Chr2L	SSR214_AT	287173.00
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304413.00	SSR242_AC	(-)	Chr2L	SSR242_AC	322601.00
304957.00	SSR243_AT	(-)	Chr2L	SSR243_AT	323138.00
305089.00	SSR244_AAC	(-)	Chr2L	SSR244_AAC	323270.00
306344.00	SSR245_AGCG	(-)	Chr2L	SSR245_AGCG	324556.00
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306539.00	SSR247_AG	(-)	Chr2L	SSR247_AG	324760.00
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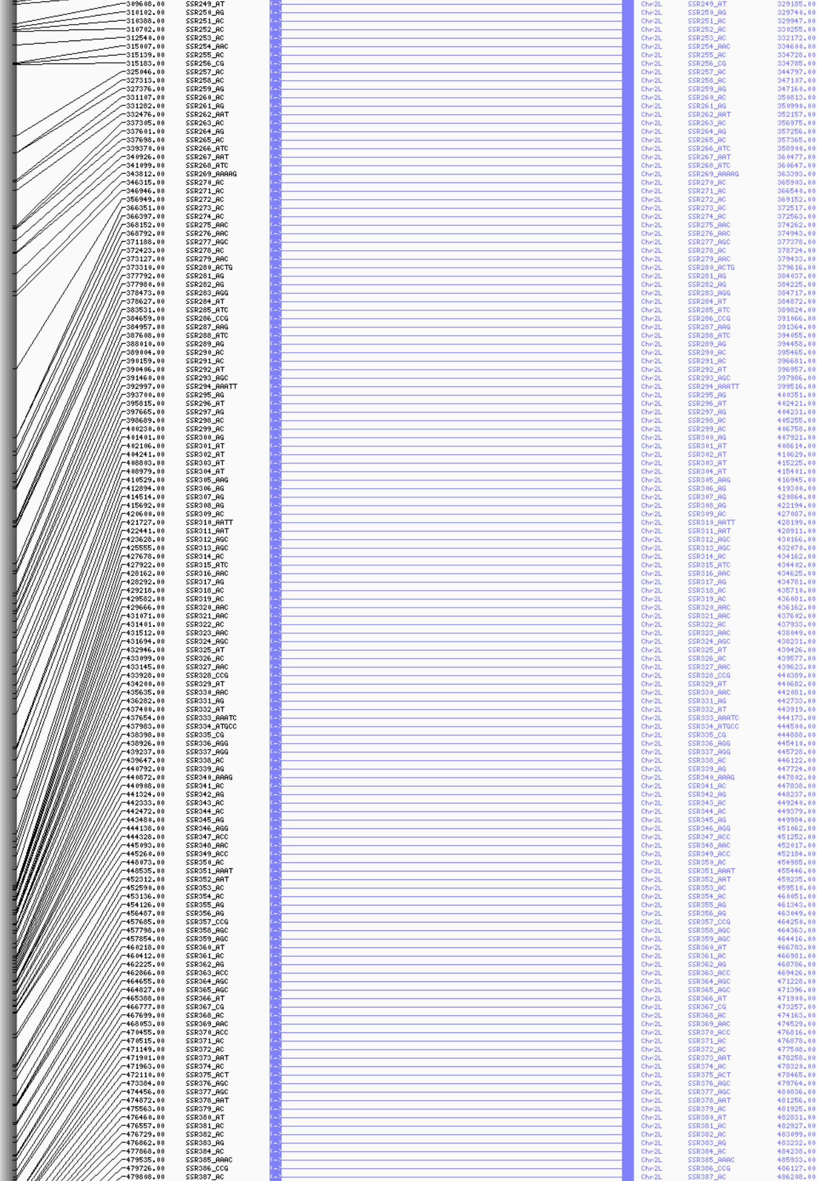

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341099.00	SSR268_ATC	(-)	Chr2L	SSR268_ATC	360647.00
343812.00	SSR269_AAAAG	(-)	Chr2L	SSR269_AAAAG	363393.00
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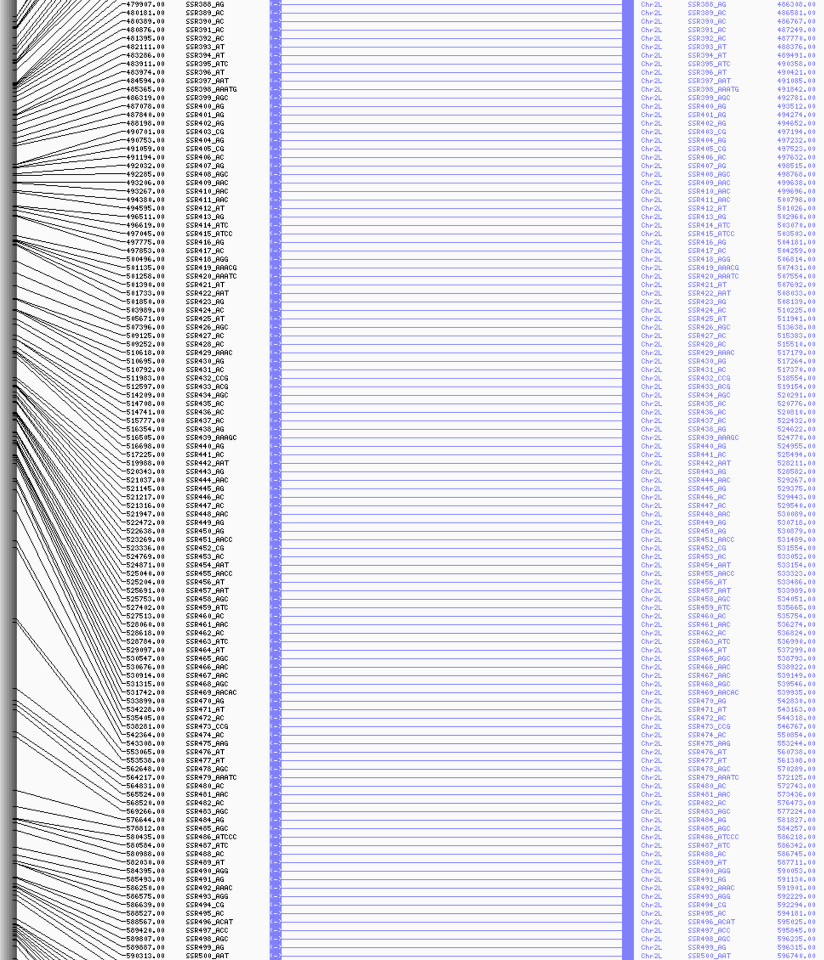

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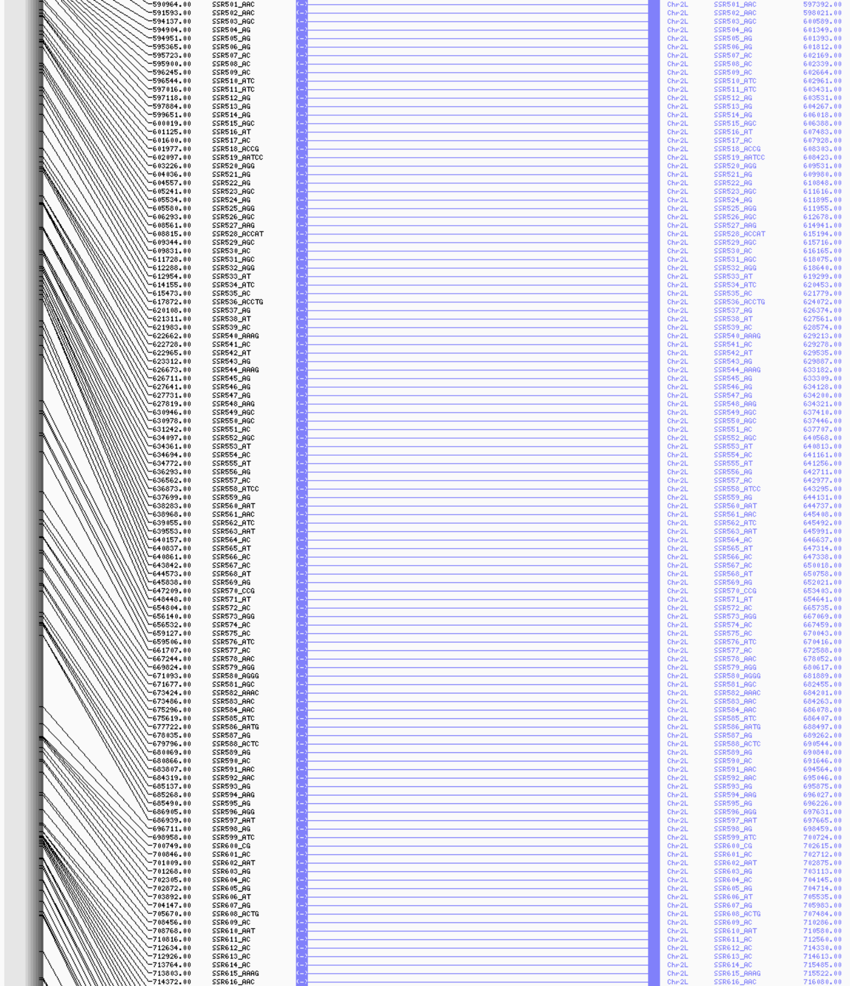

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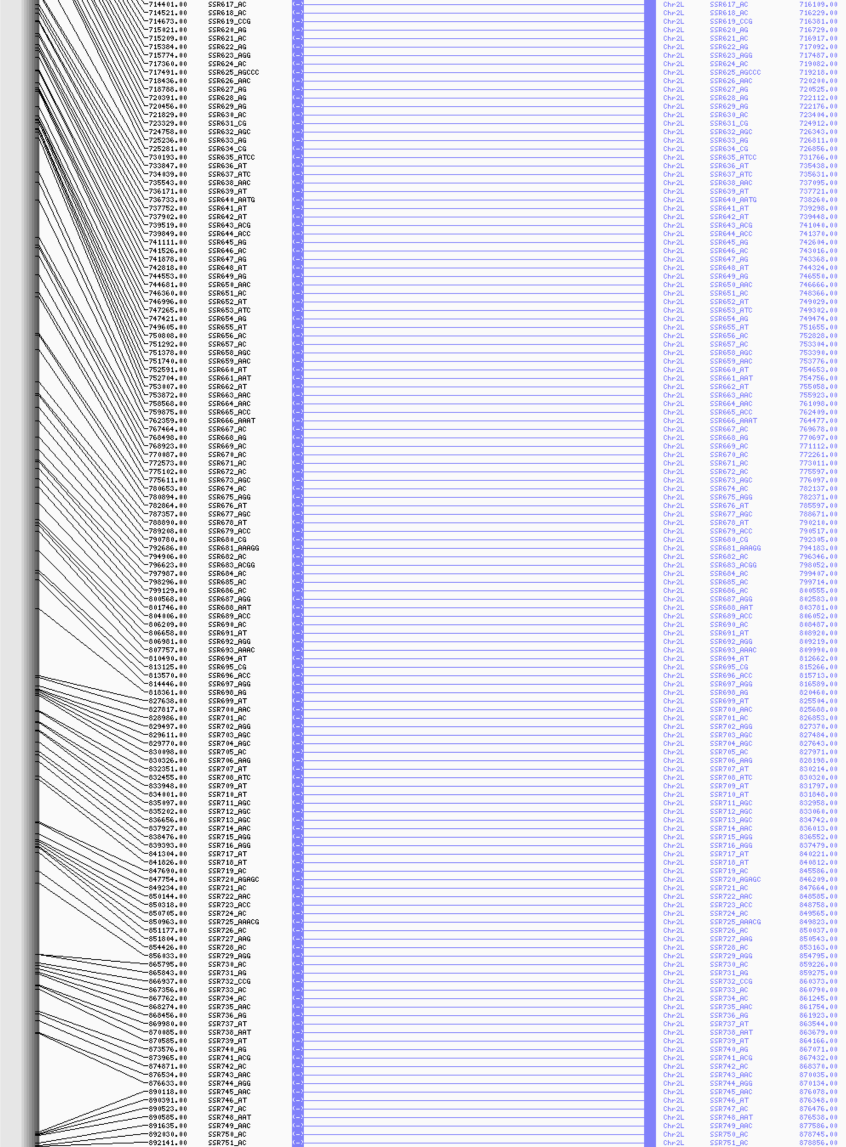

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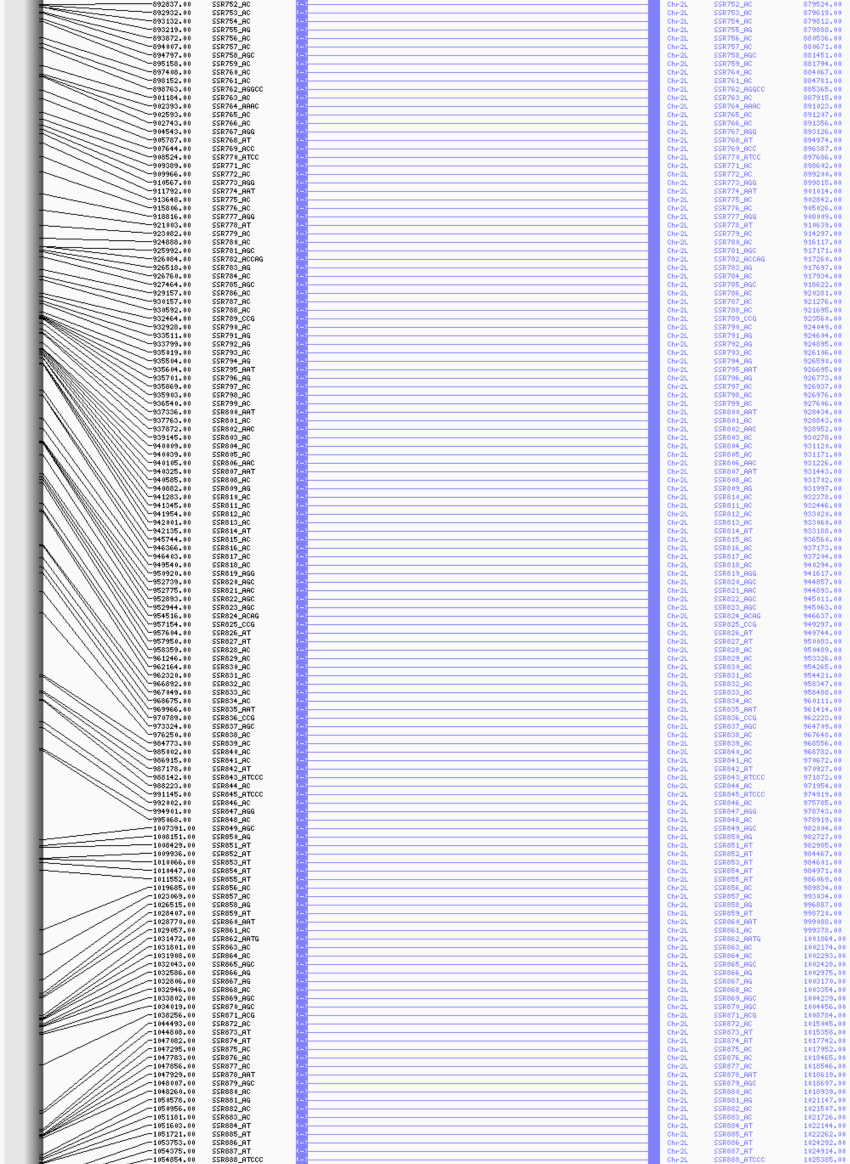

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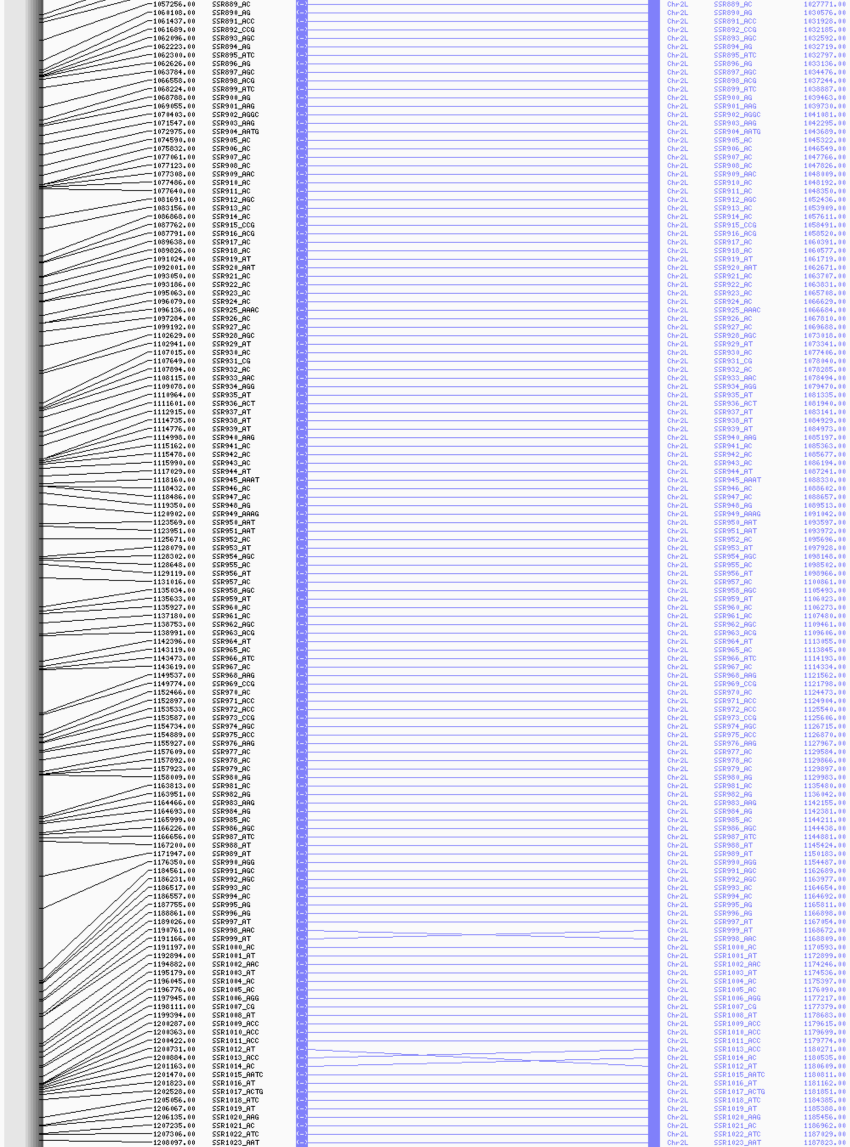

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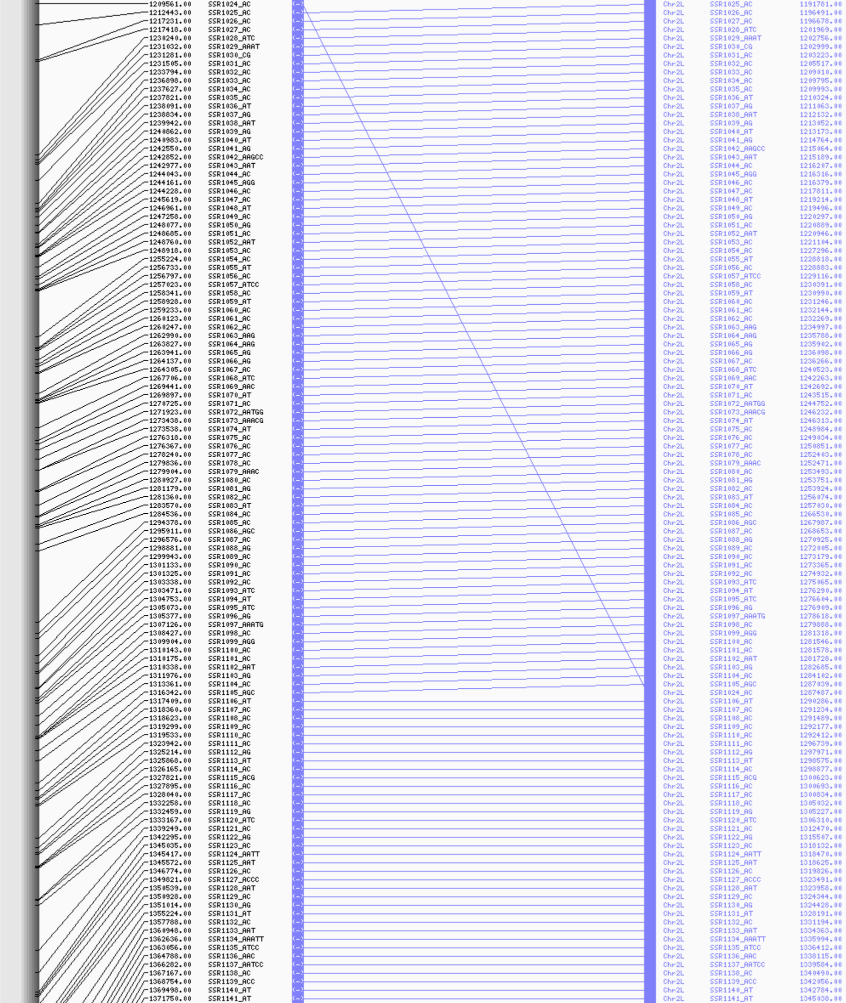
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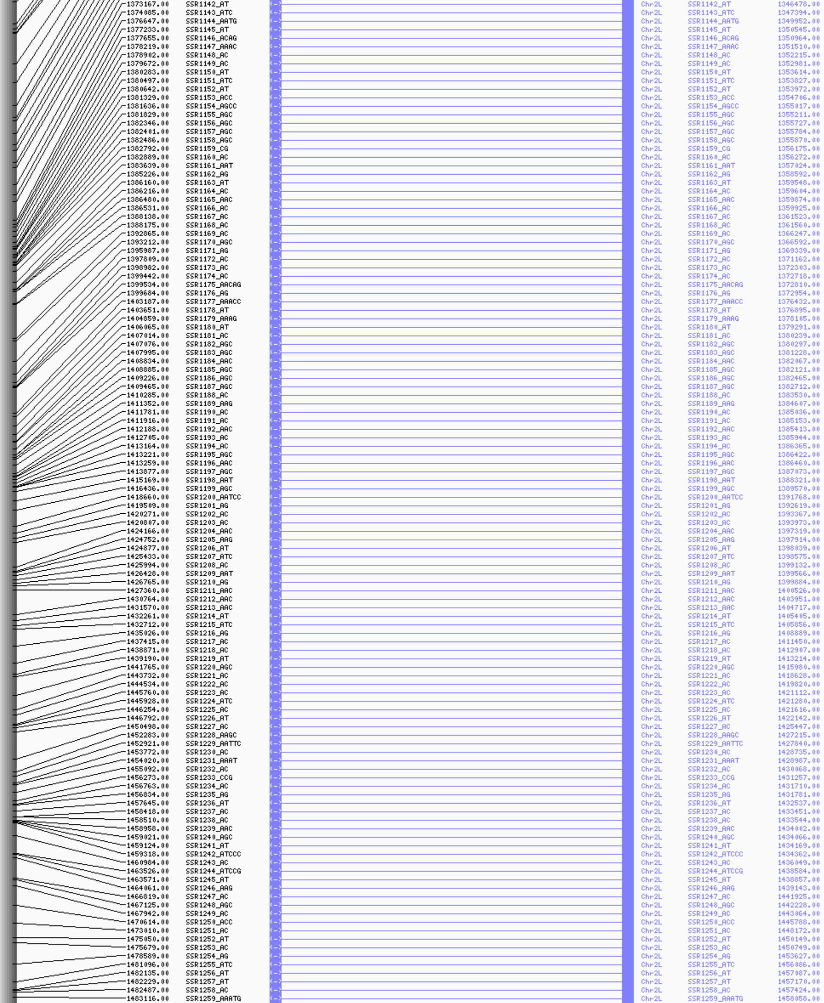
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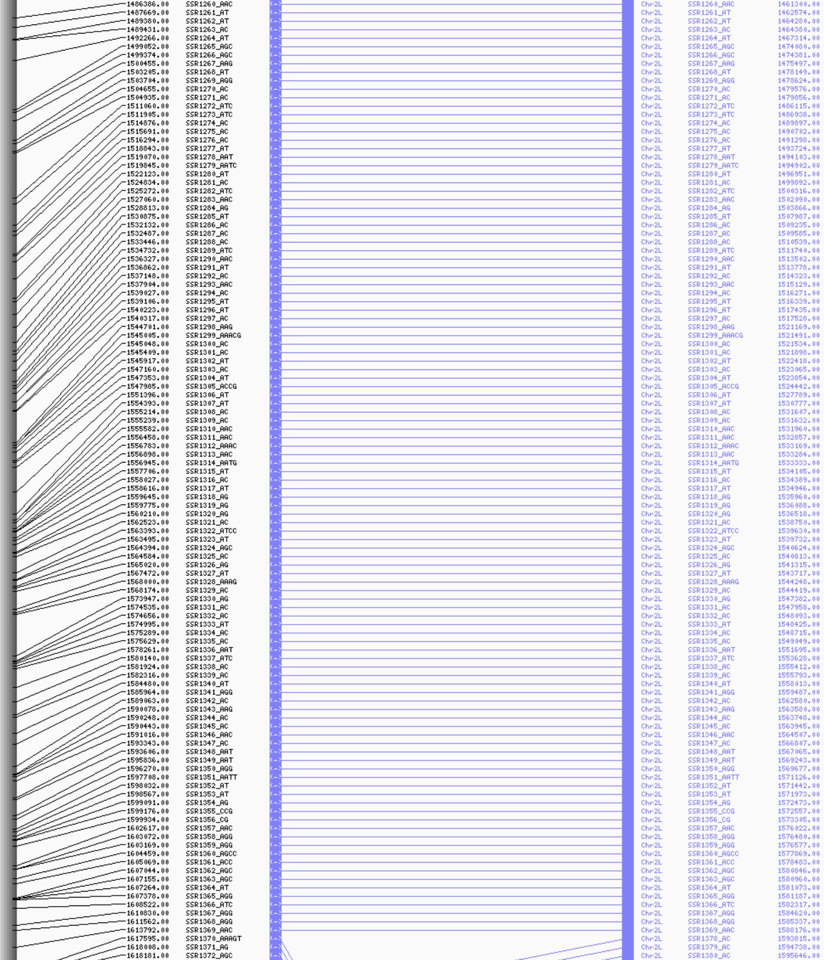
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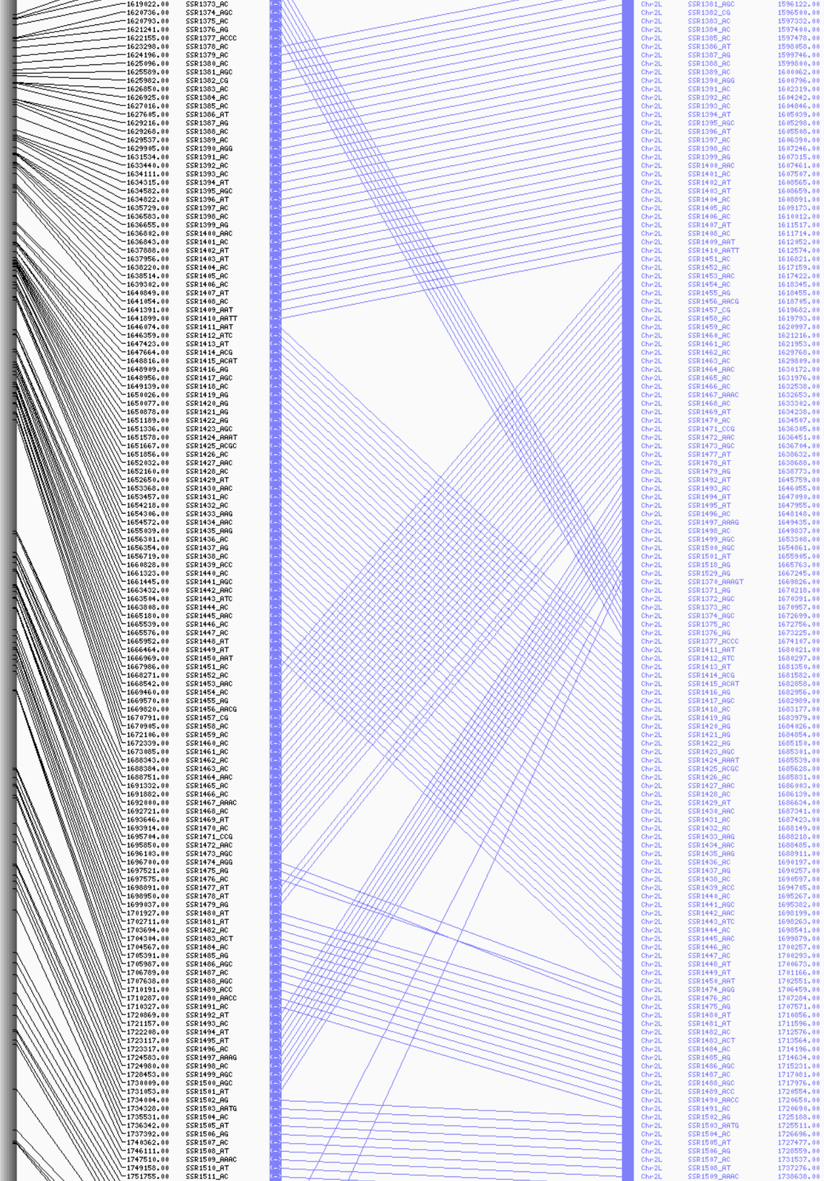
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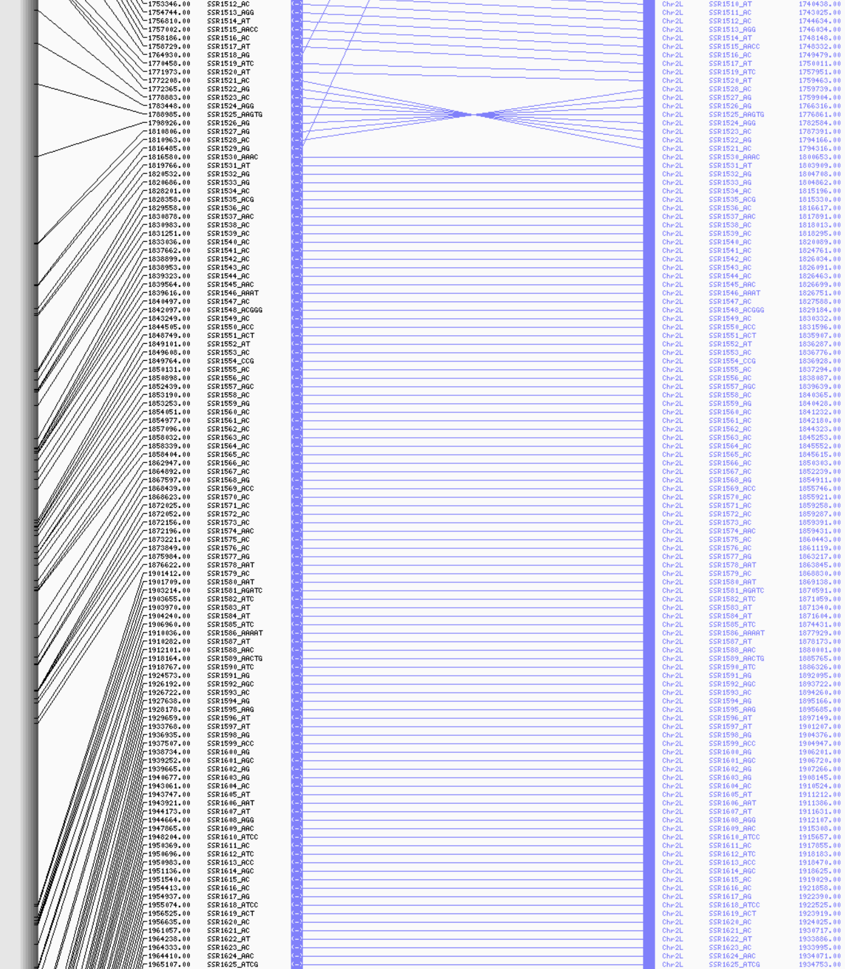

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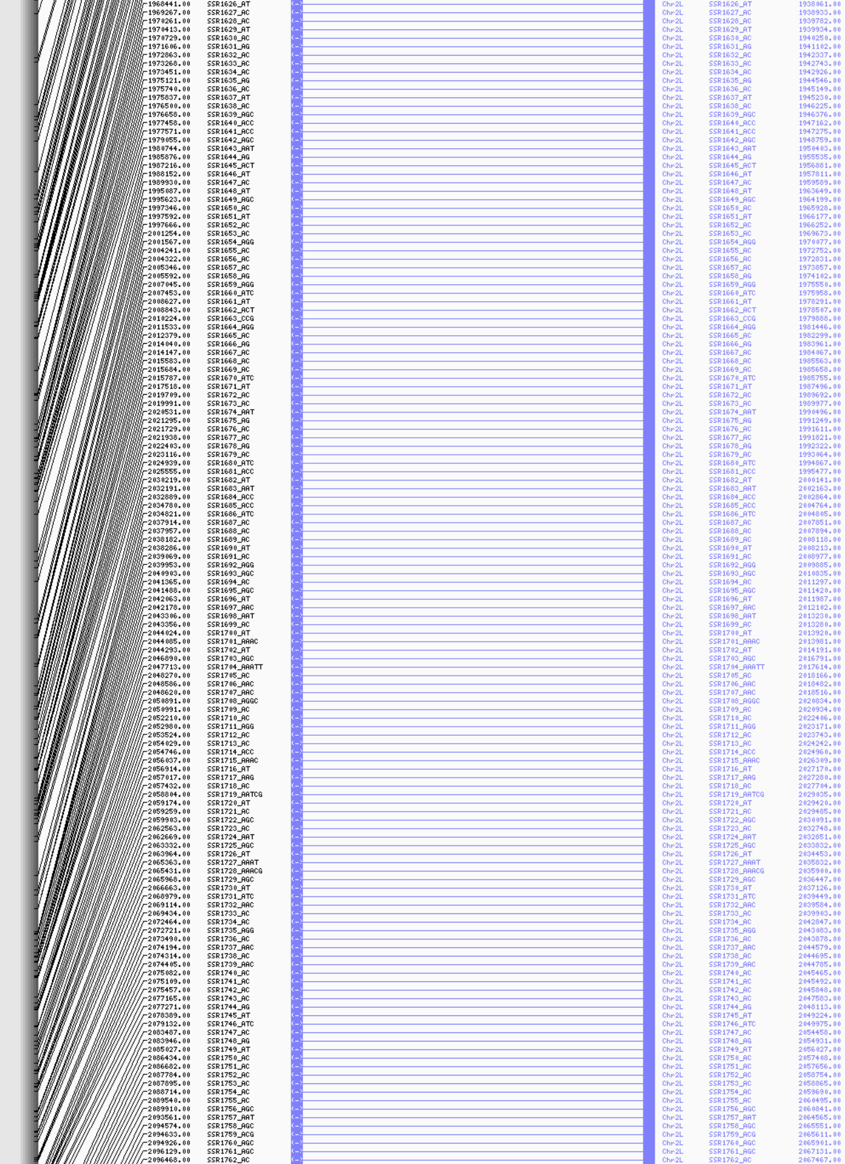

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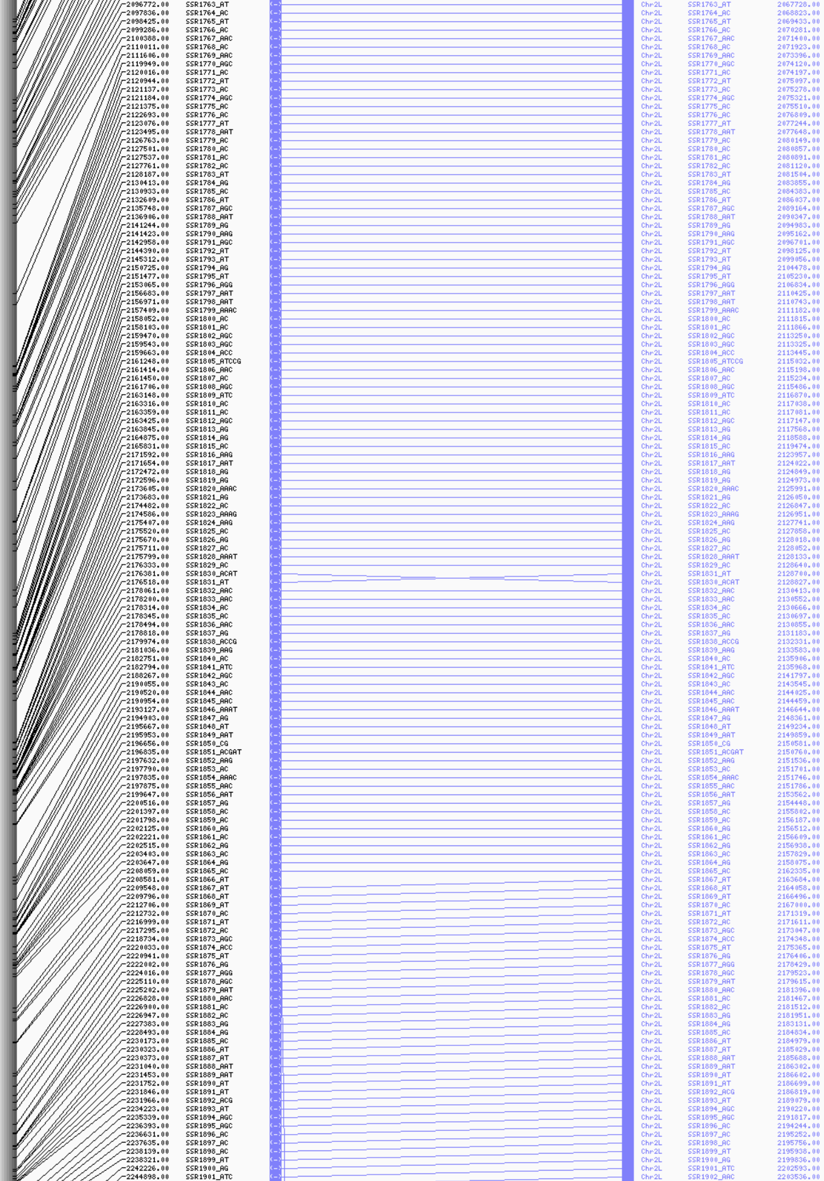
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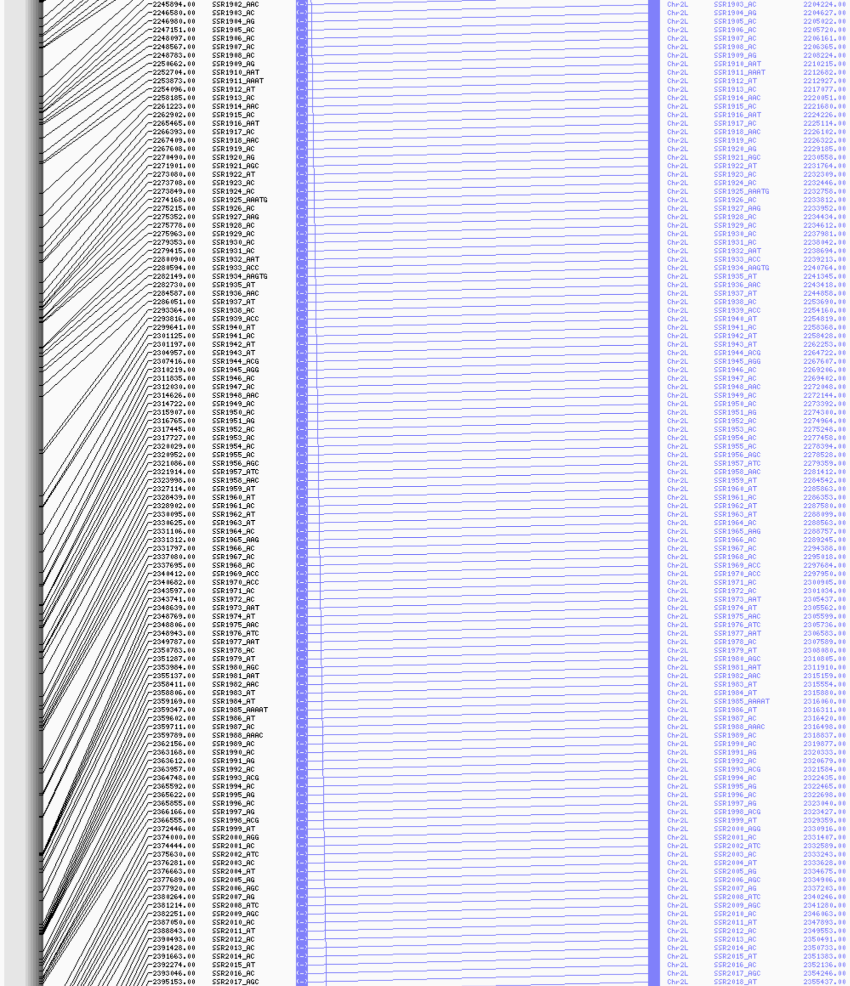
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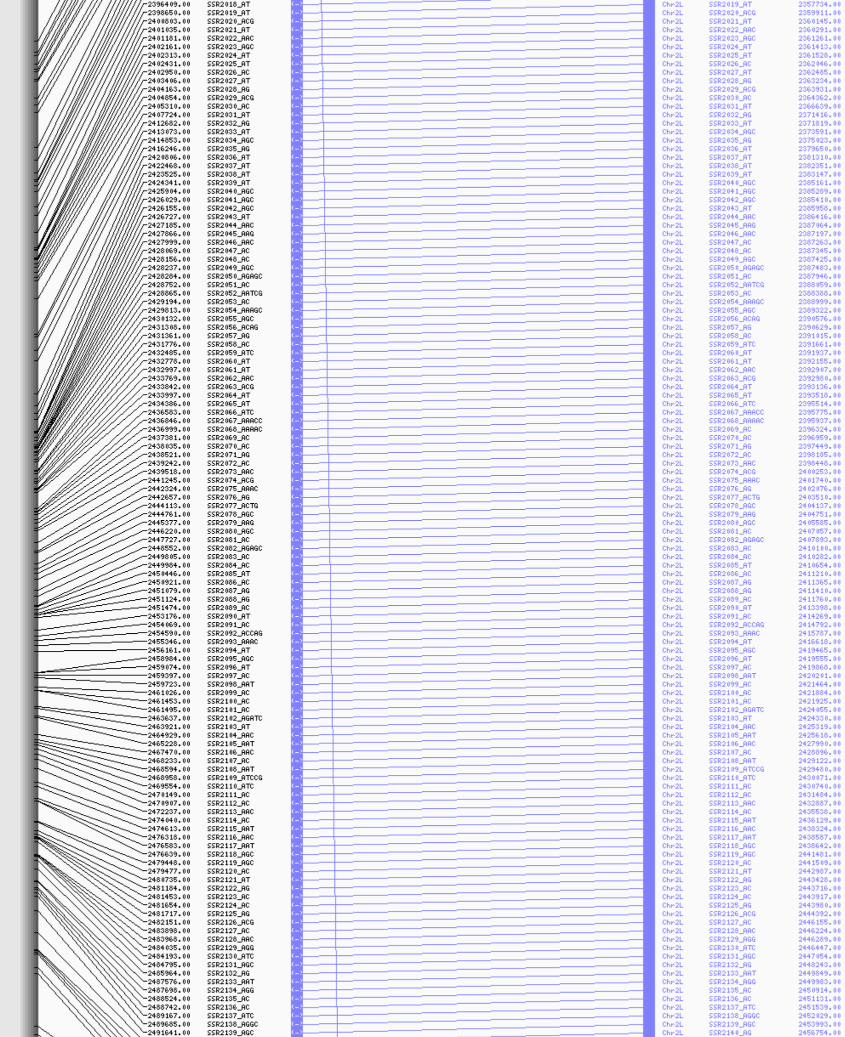

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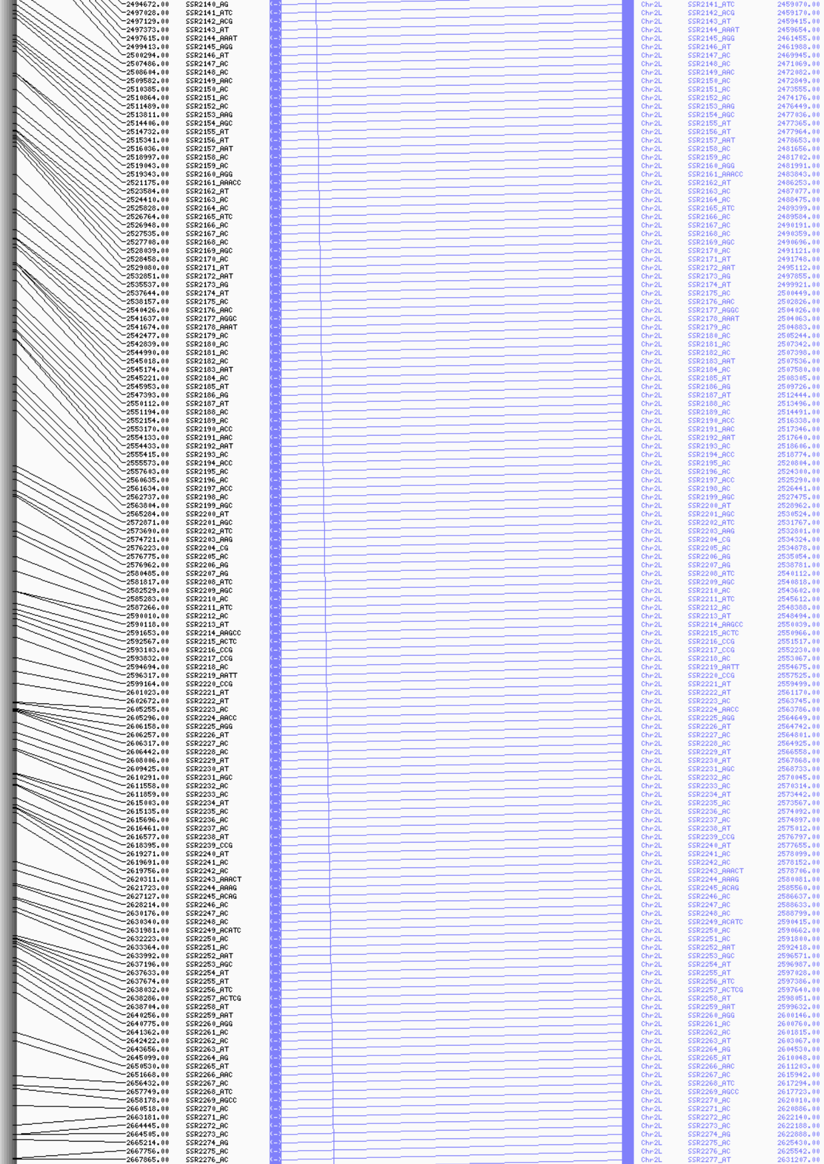

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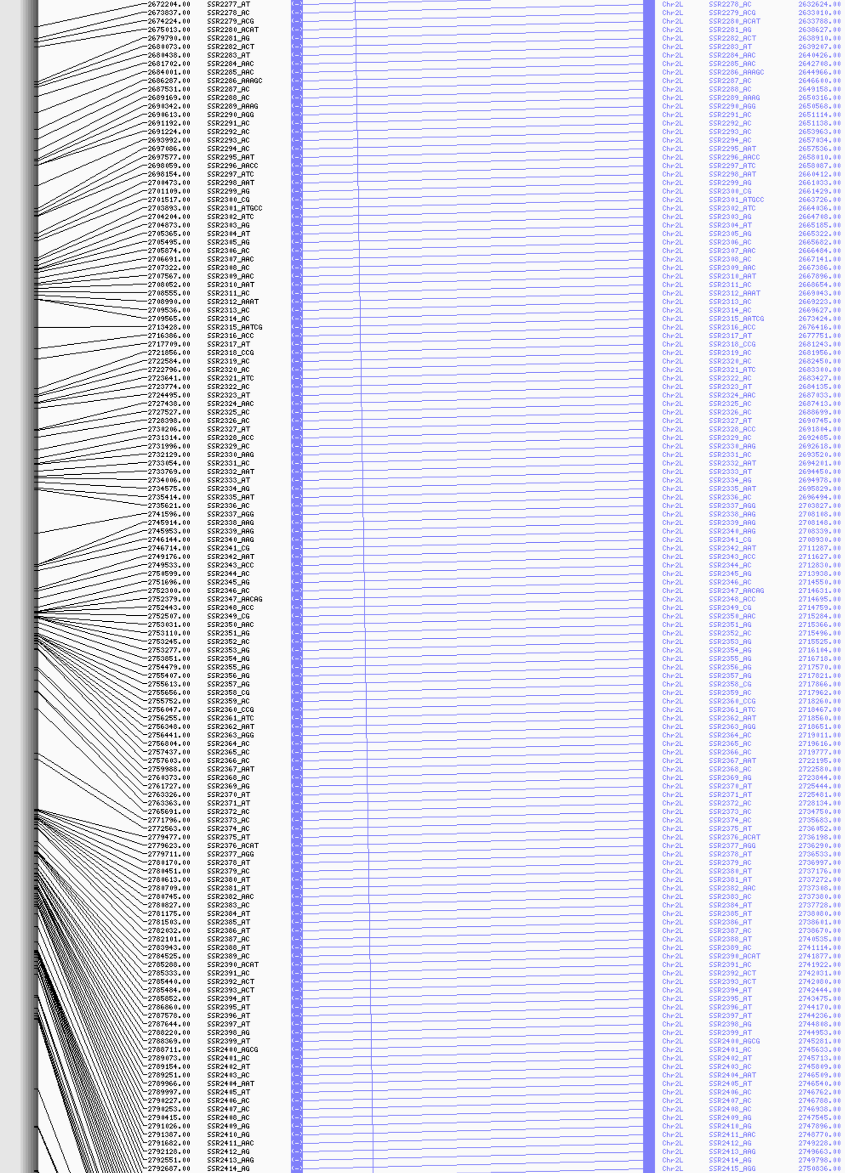

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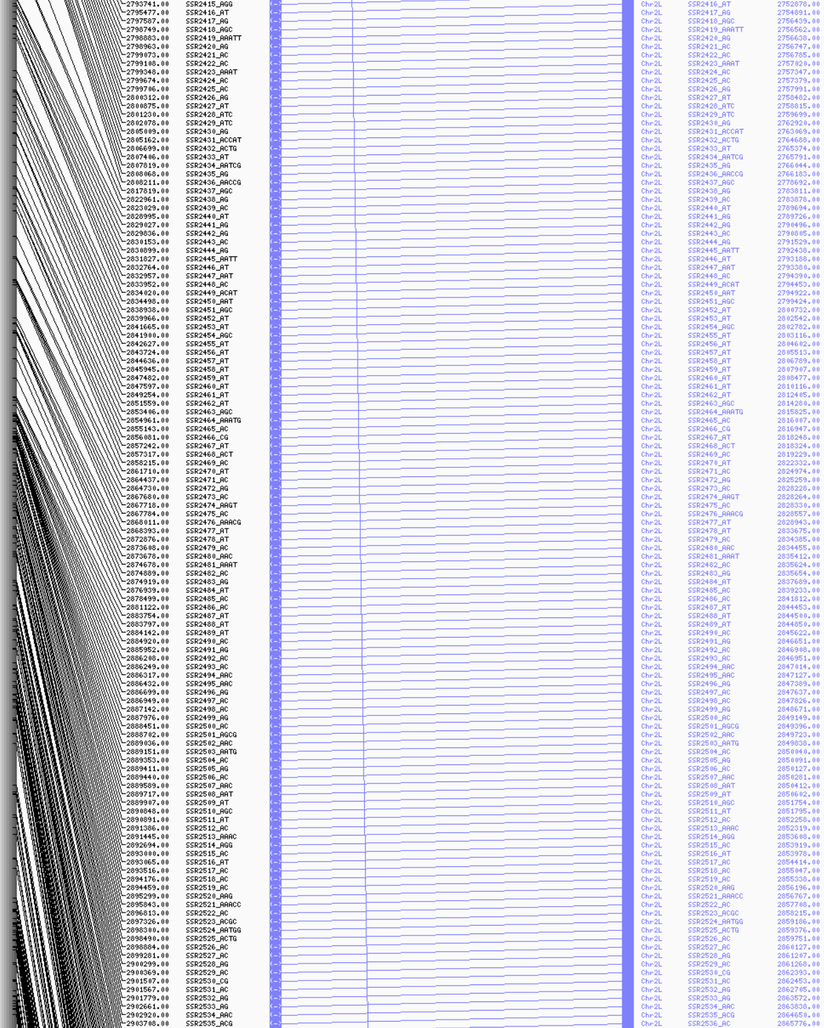

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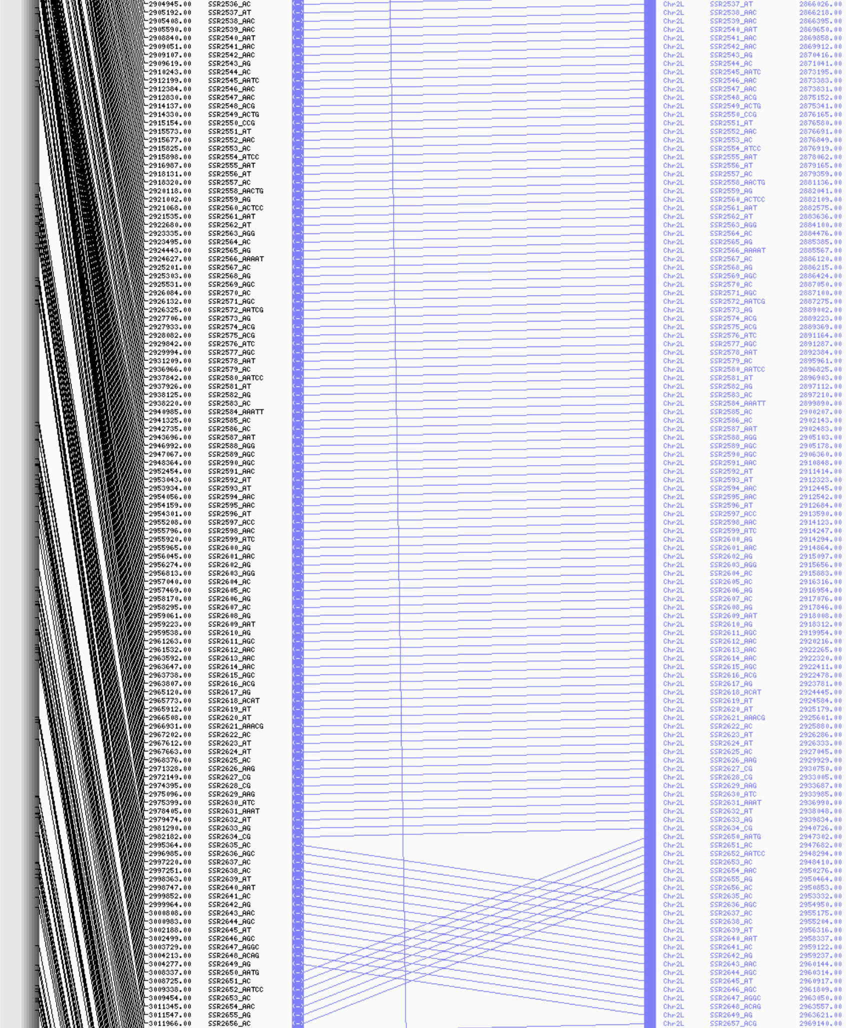
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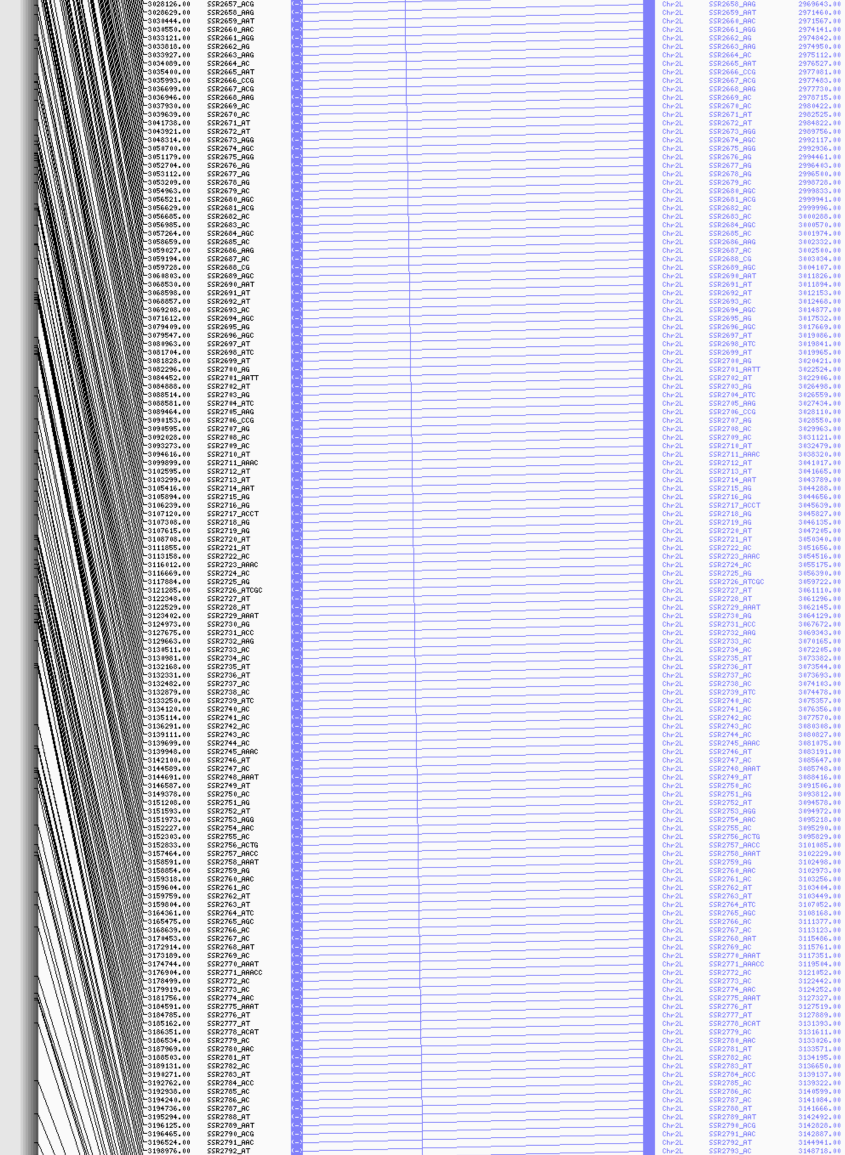

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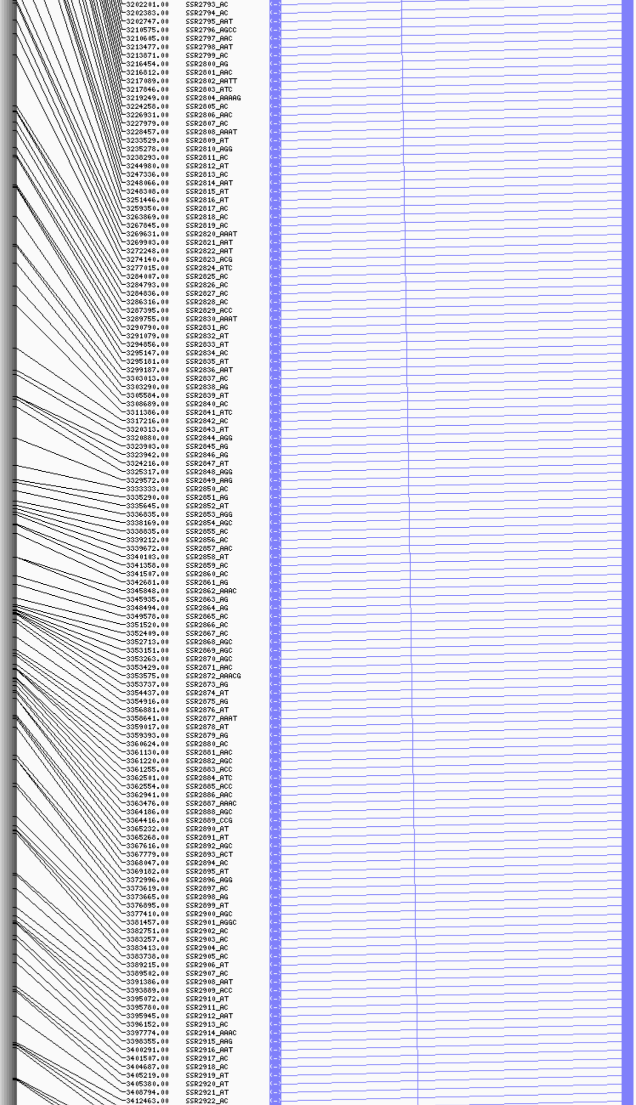

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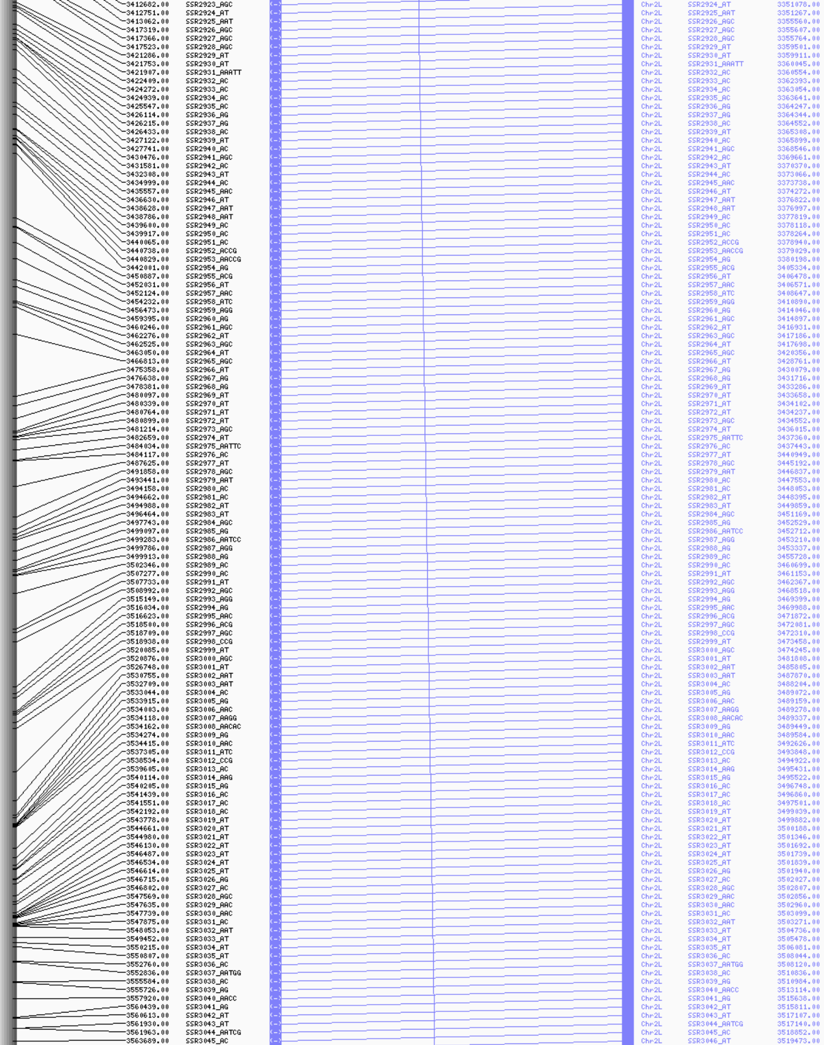

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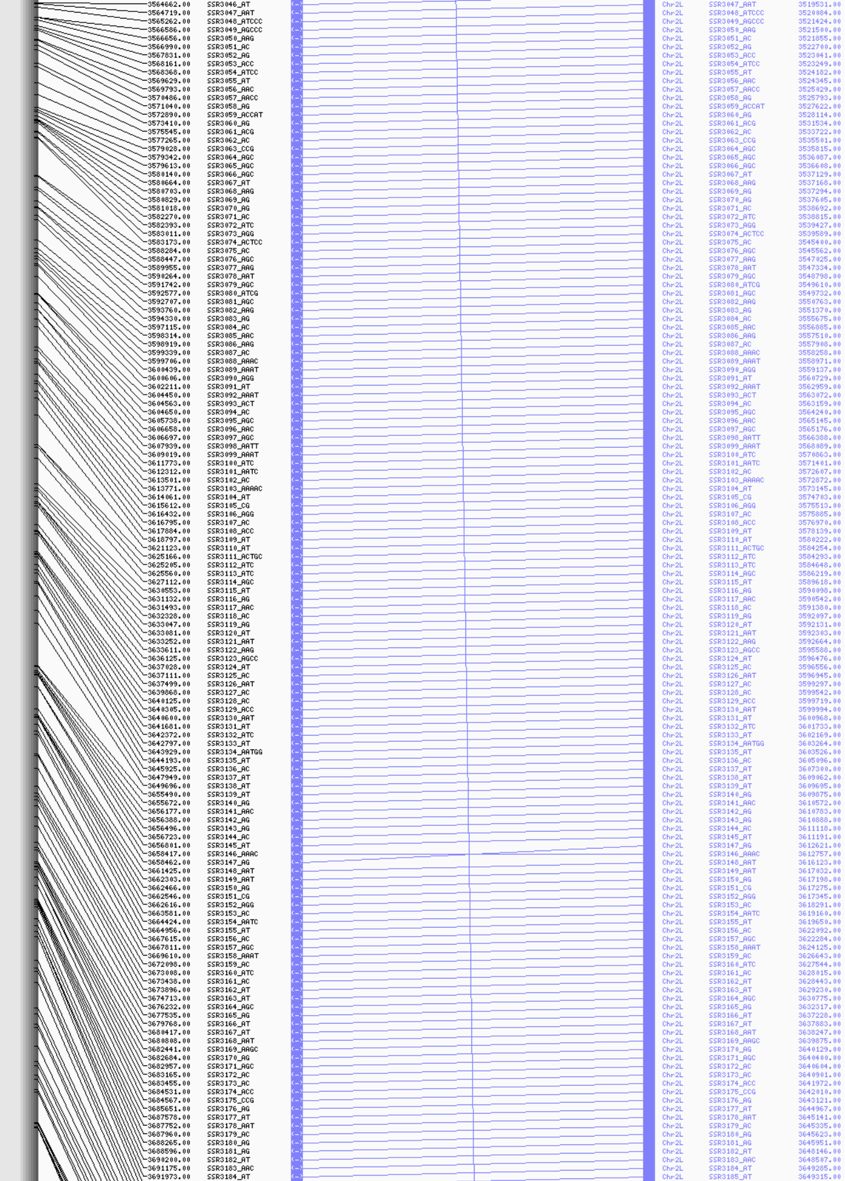
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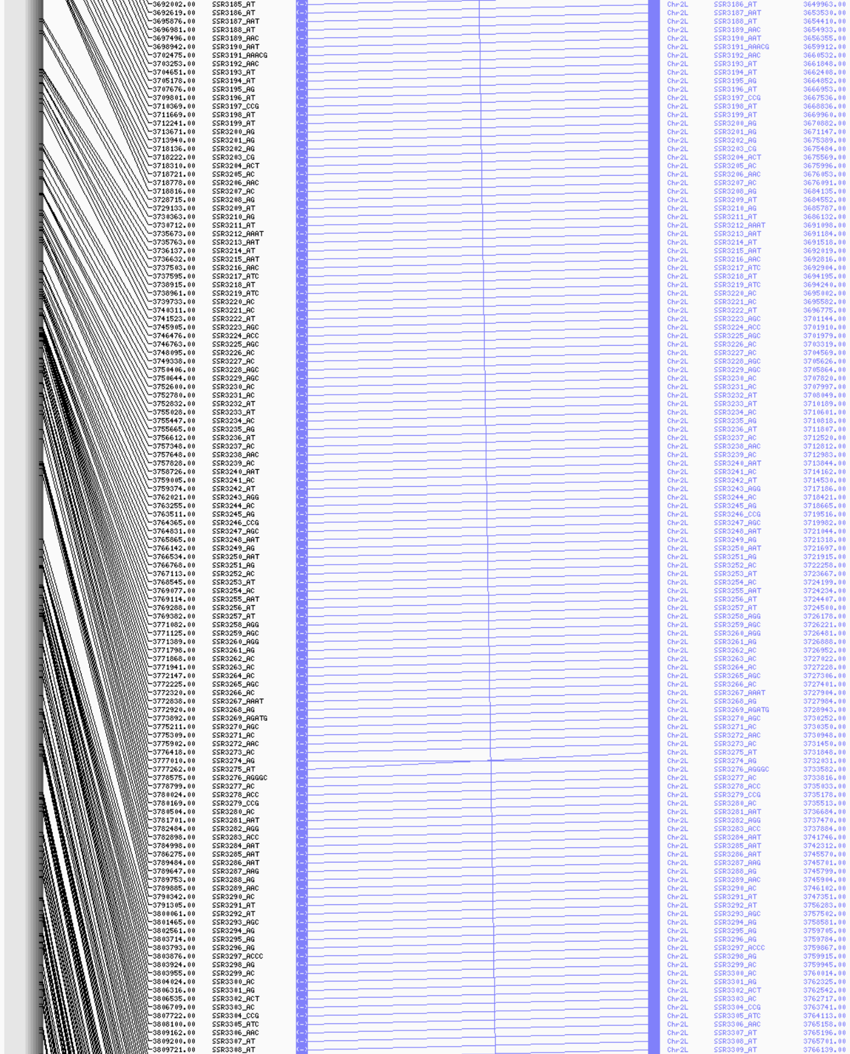

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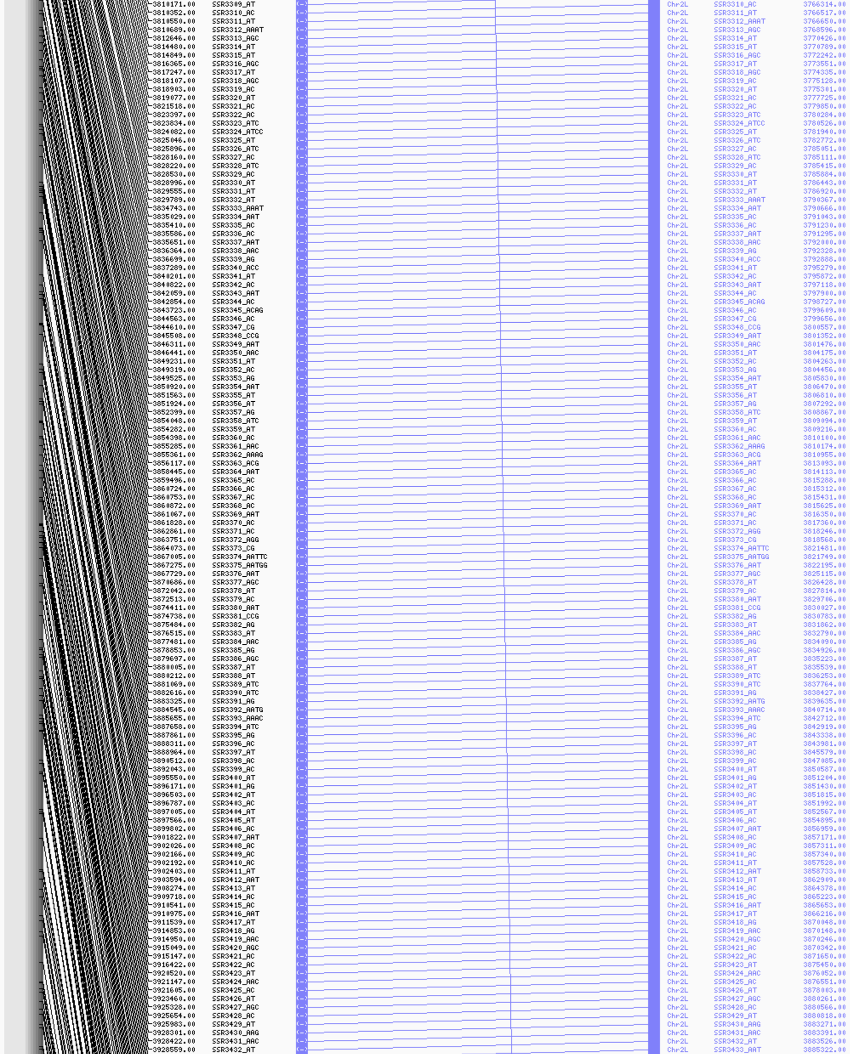

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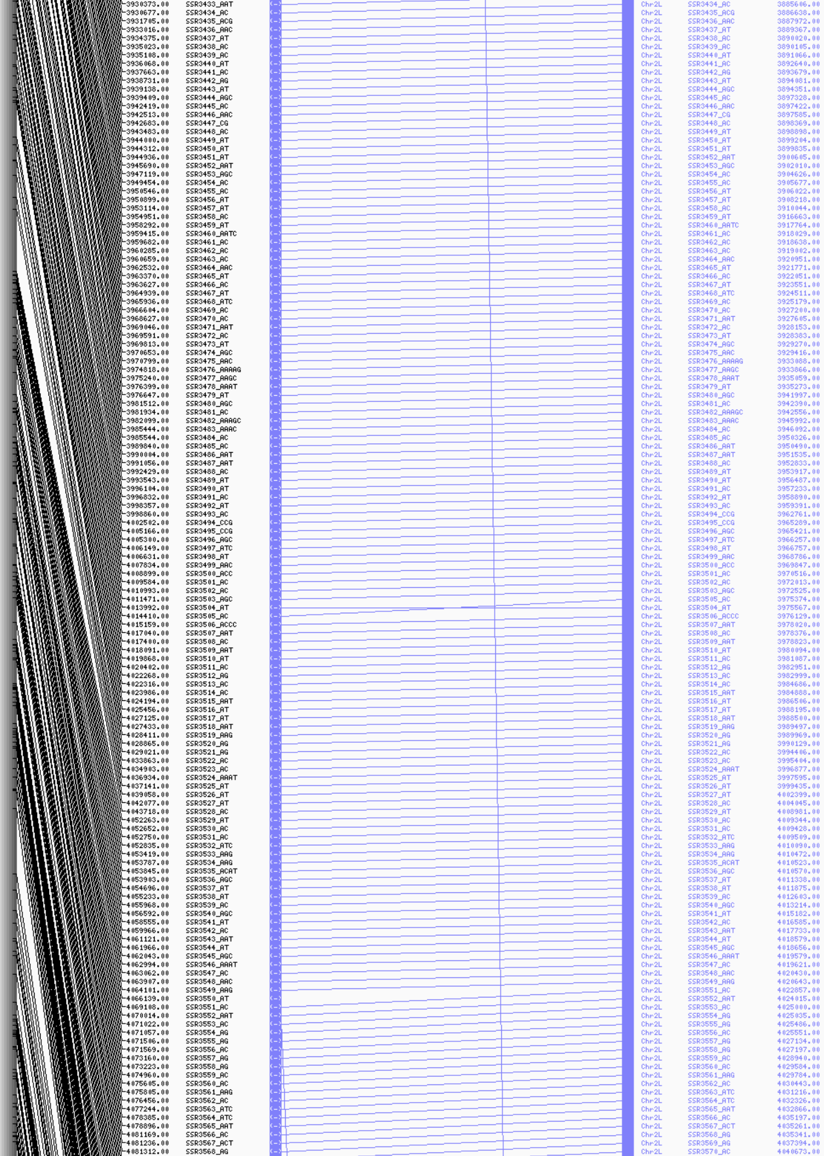
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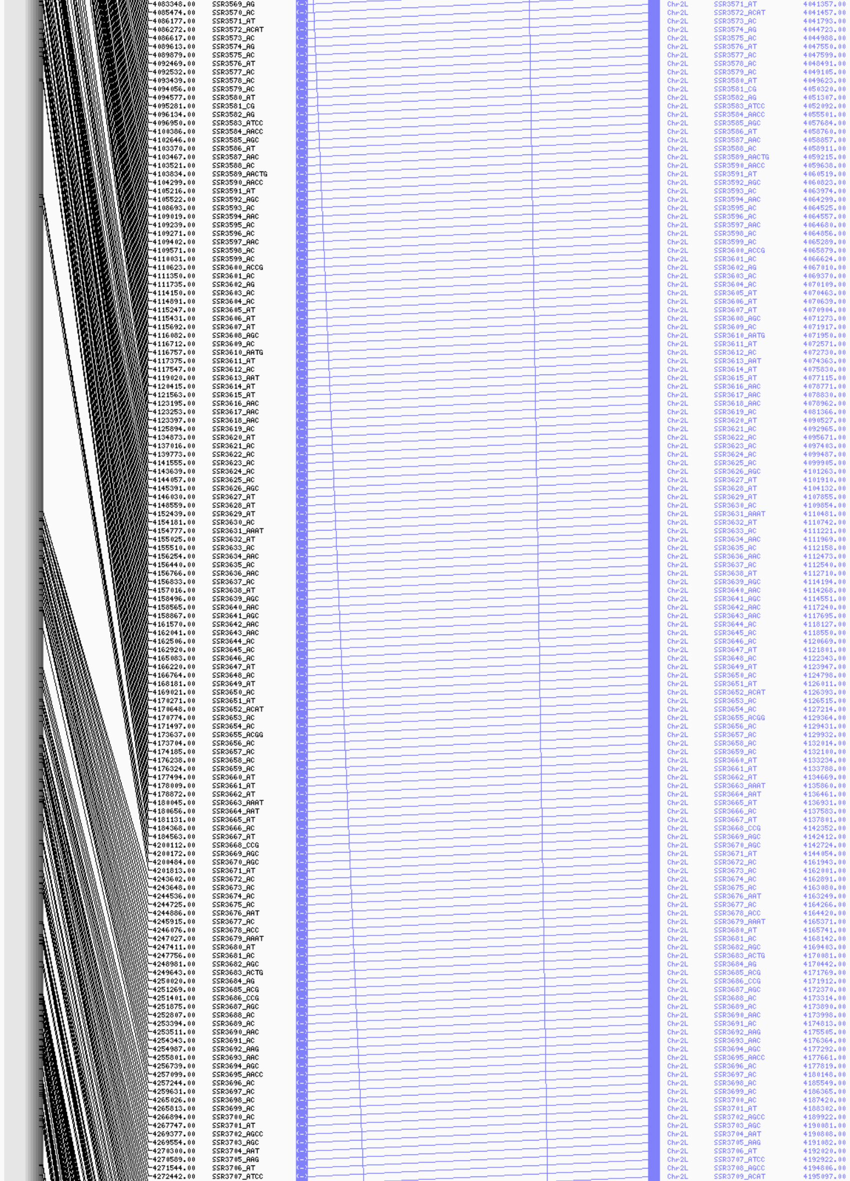

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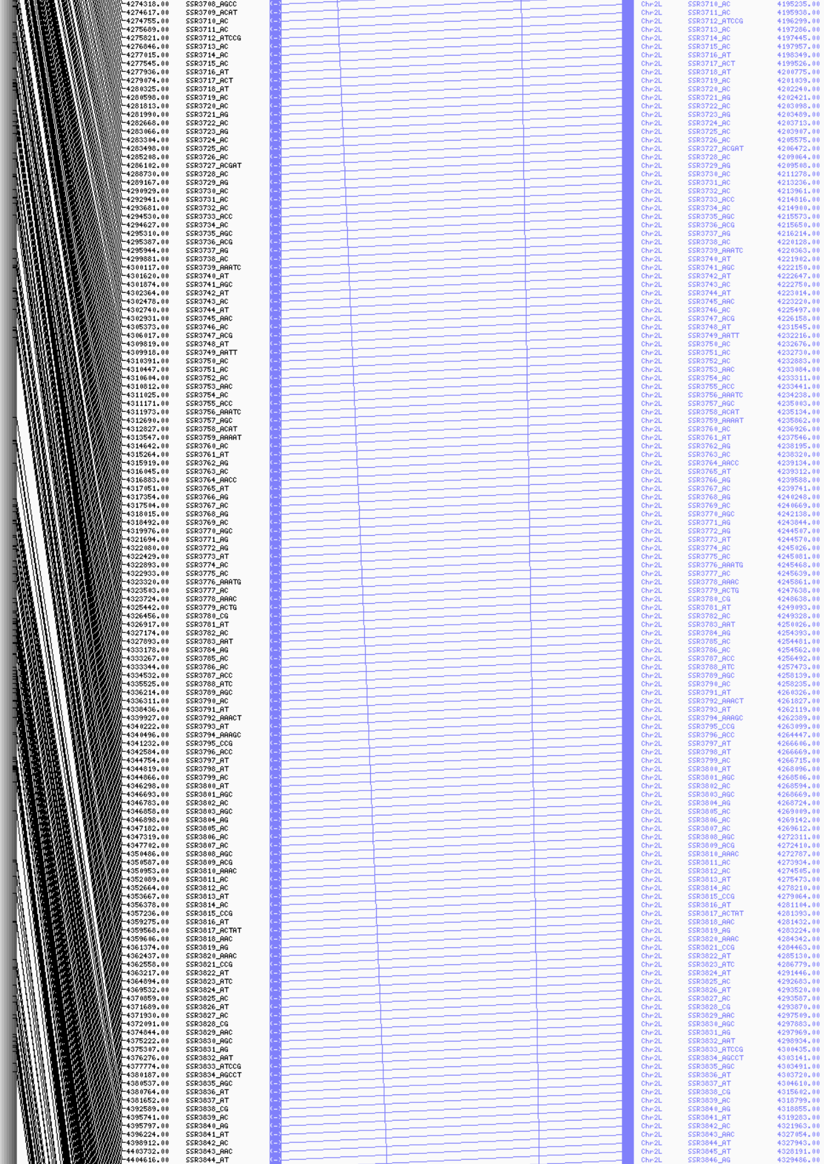
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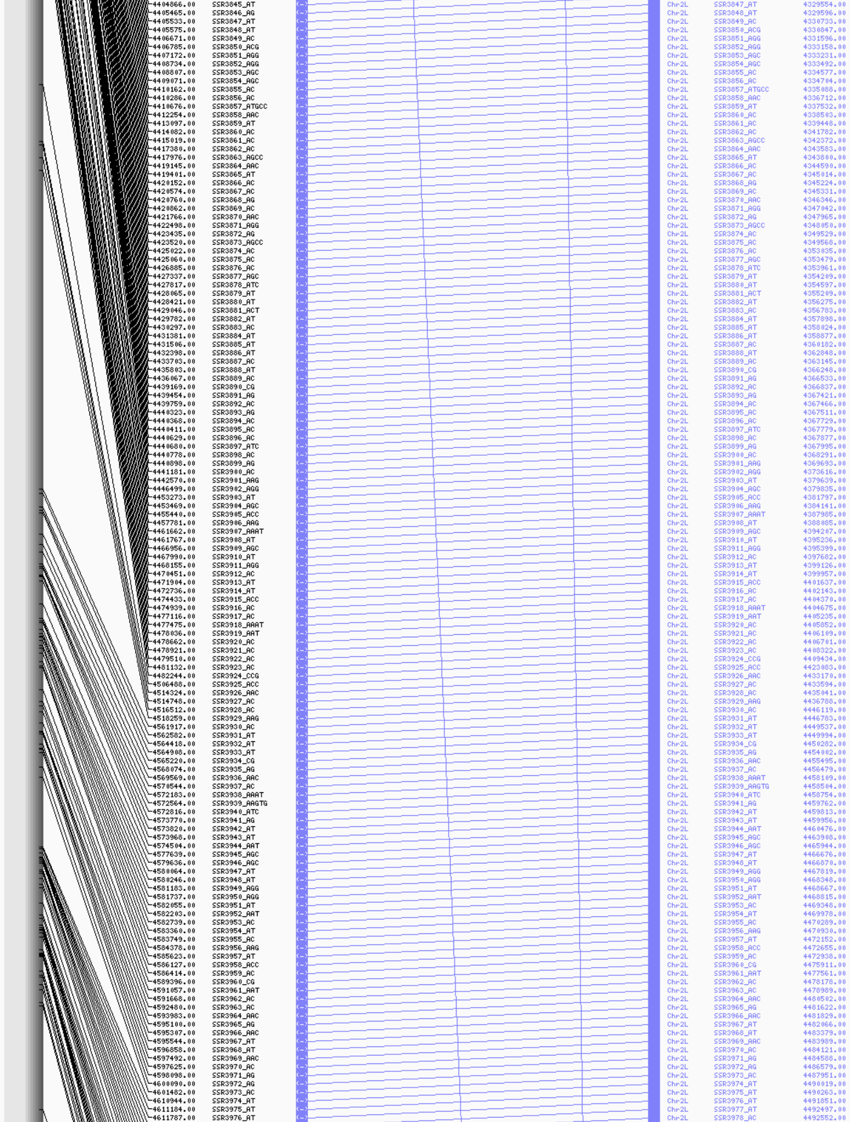

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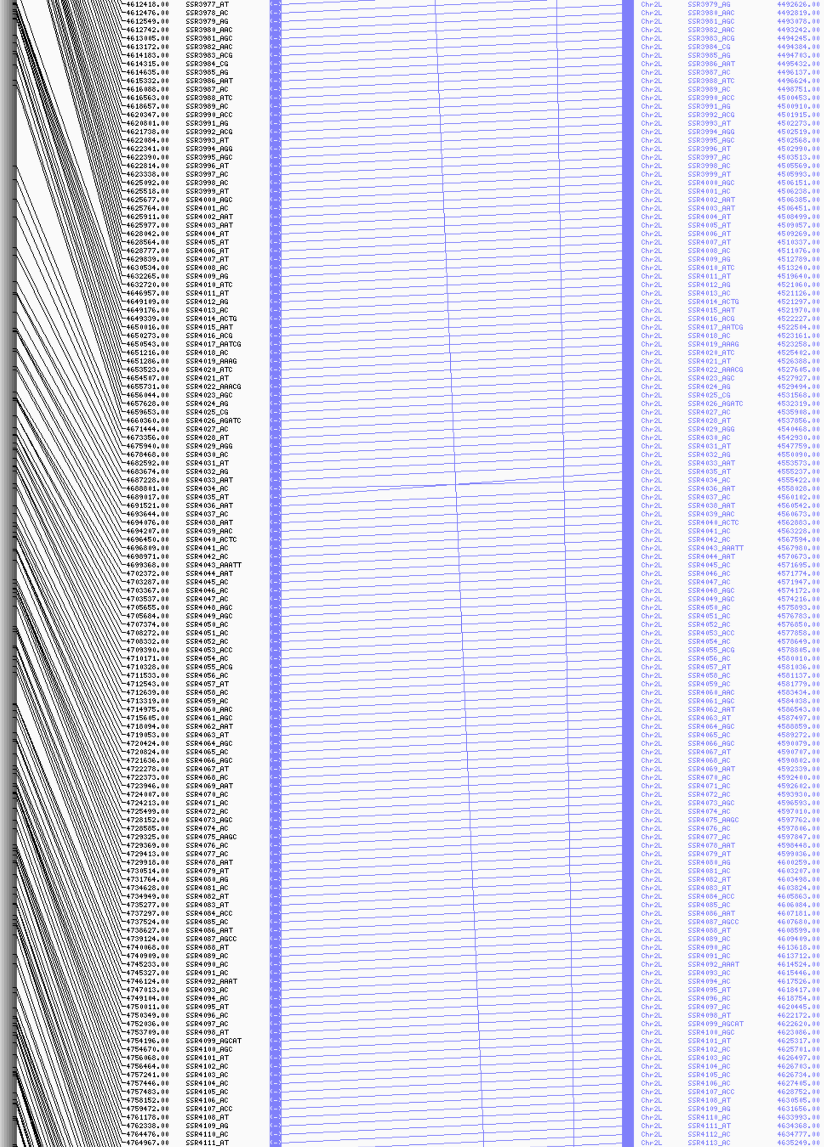

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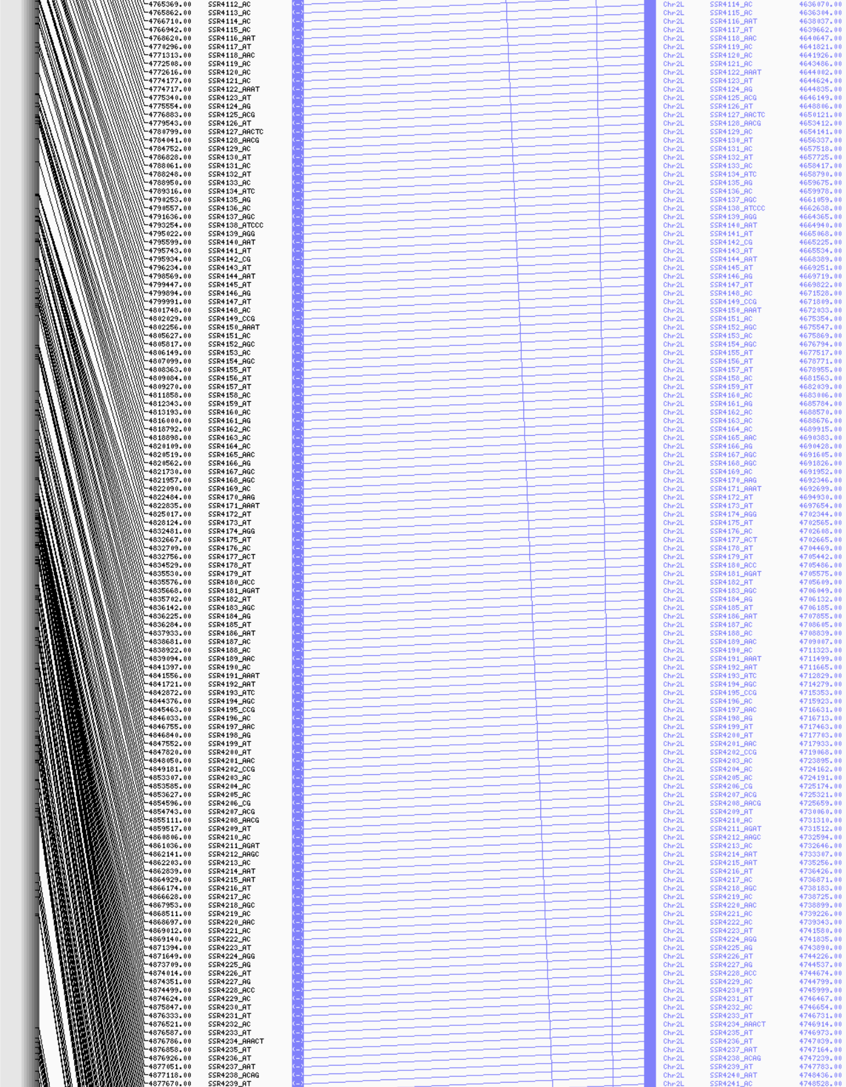

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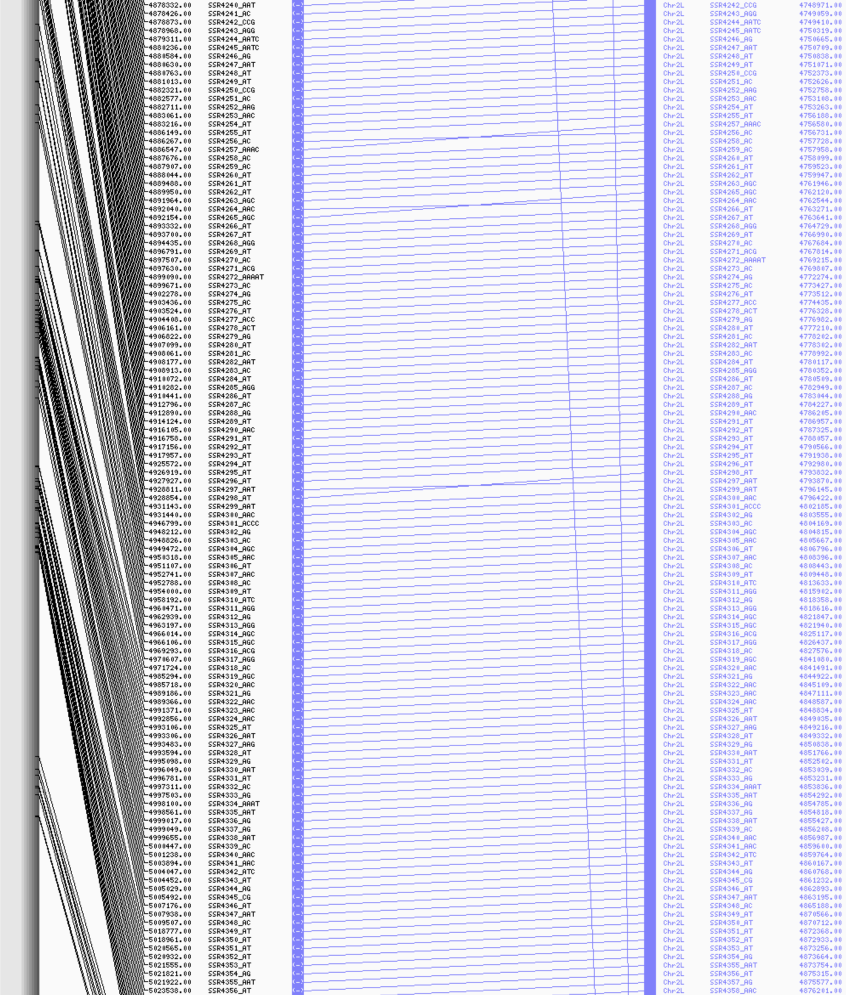
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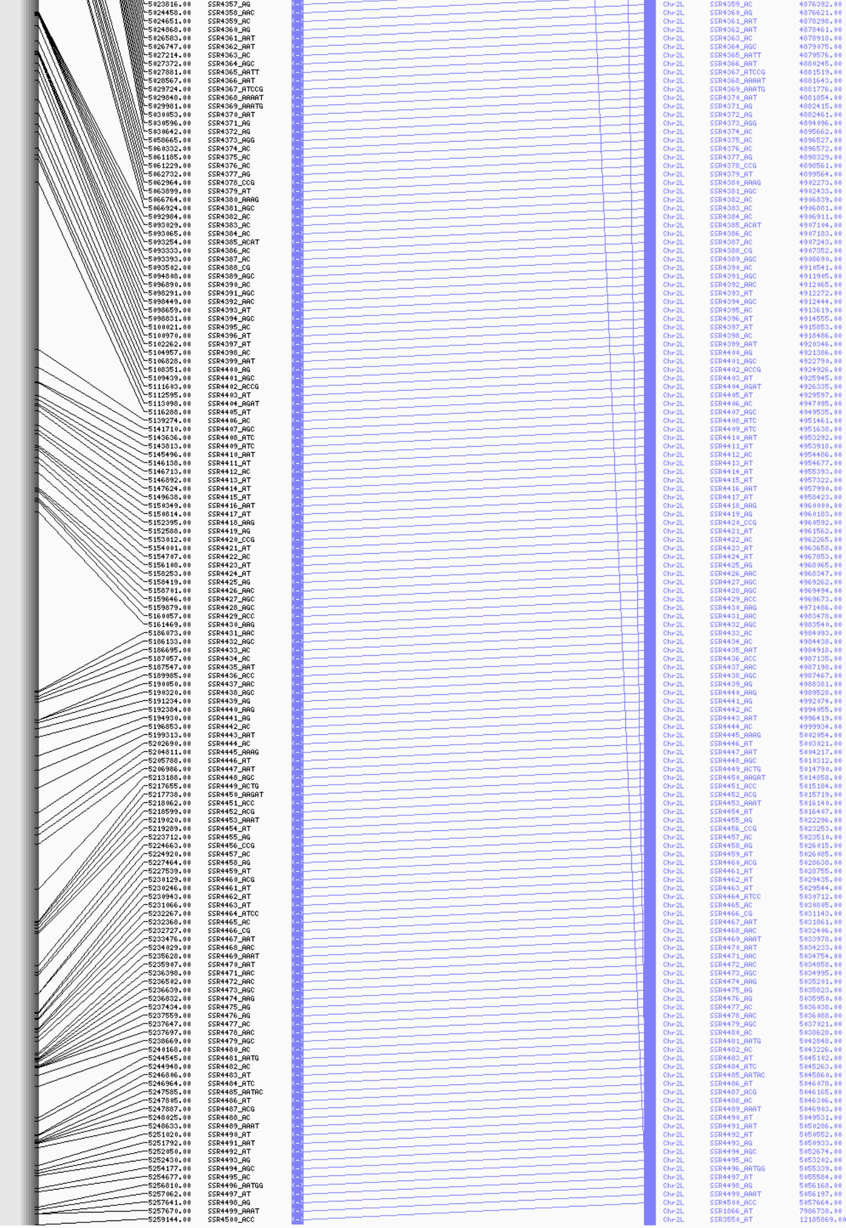

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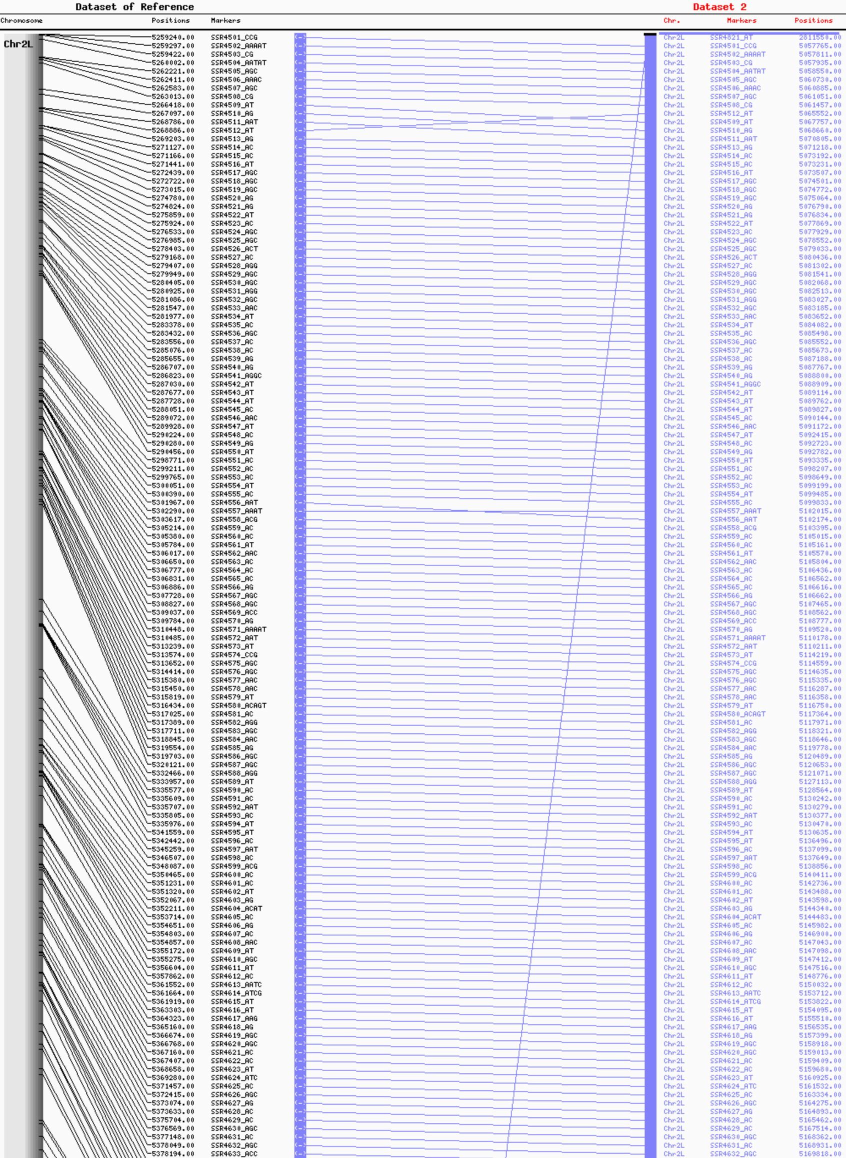
Chr2L	SSR3550_AT	12185869.00



Dataset of Reference

Chromosome	Positions	Markers
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	5262221.00	SSR4505_AGC
	5262411.00	SSR4506_AAAC
	5262583.00	SSR4507_AGC
	5263013.00	SSR4508_CG
	5266418.00	SSR4509_AT
	5267097.00	SSR4510_AG
	5268786.00	SSR4511_AAT
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	5269203.00	SSR4513_AG
	5271127.00	SSR4514_AC
	5271166.00	SSR4515_AC
	5271441.00	SSR4516_AT
	5272439.00	SSR4517_AGC
	5272722.00	SSR4518_AGC
	5273015.00	SSR4519_AGC
	5274780.00	SSR4520_AG
	5274824.00	SSR4521_AG
	5275859.00	SSR4522_AT
	5275924.00	SSR4523_AC
	5276533.00	SSR4524_AGC
	5276985.00	SSR4525_AGC
	5278403.00	SSR4526_ACT
	5279168.00	SSR4527_AC
	5279407.00	SSR4528_AGG
	5279949.00	SSR4529_AGC
	5280405.00	SSR4530_AGC
	5280925.00	SSR4531_AGG
	5281086.00	SSR4532_AGC
	5281547.00	SSR4533_AAC
	5281977.00	SSR4534_AT
	5283378.00	SSR4535_AC
	5283432.00	SSR4536_AGC
	5283556.00	SSR4537_AC
	5285076.00	SSR4538_AC
	5285655.00	SSR4539_AG
	5286707.00	SSR4540_AG
	5286823.00	SSR4541_AGGC
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	5287677.00	SSR4543_AT
	5287728.00	SSR4544_AT
	5288051.00	SSR4545_AC
	5289072.00	SSR4546_AAC
	5289928.00	SSR4547_AT
	5290224.00	SSR4548_AC
	5290280.00	SSR4549_AG
	5290456.00	SSR4550_AT
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	5300051.00	SSR4554_AT
	5300390.00	SSR4555_AC
	5301967.00	SSR4556_AAT
	5302290.00	SSR4557_AAAT
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	5305214.00	SSR4559_AC
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	5306777.00	SSR4564_AC
	5306831.00	SSR4565_AC
	5306886.00	SSR4566_AG
	5307728.00	SSR4567_AGC
	5308827.00	SSR4568_AGC
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	5310485.00	SSR4572_AAT
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	5313652.00	SSR4575_AGC
	5314414.00	SSR4576_AGC
	5315380.00	SSR4577_AAC
	5315450.00	SSR4578_AAC
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	5335609.00	SSR4591_AC
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	5346507.00	SSR4598_AC
	5348087.00	SSR4599_ACG
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	5351231.00	SSR4601_AC
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	5352067.00	SSR4603_AG
	5352211.00	SSR4604_ACAT
	5353714.00	SSR4605_AC
	5354651.00	SSR4606_AG
	5354803.00	SSR4607_AC
	5354857.00	SSR4608_AAC
	5355172.00	SSR4609_AT
	5355275.00	SSR4610_AGC
	5356604.00	SSR4611_AT
	5357862.00	SSR4612_AC
	5361552.00	SSR4613_AATC
	5361664.00	SSR4614_ATCG
	5361919.00	SSR4615_AT
	5363303.00	SSR4616_AT
	5364323.00	SSR4617_AAG
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	5366768.00	SSR4620_AGC
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	5377148.00	SSR4631_AC
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	5378194.00	SSR4633_ACC

Dataset 2

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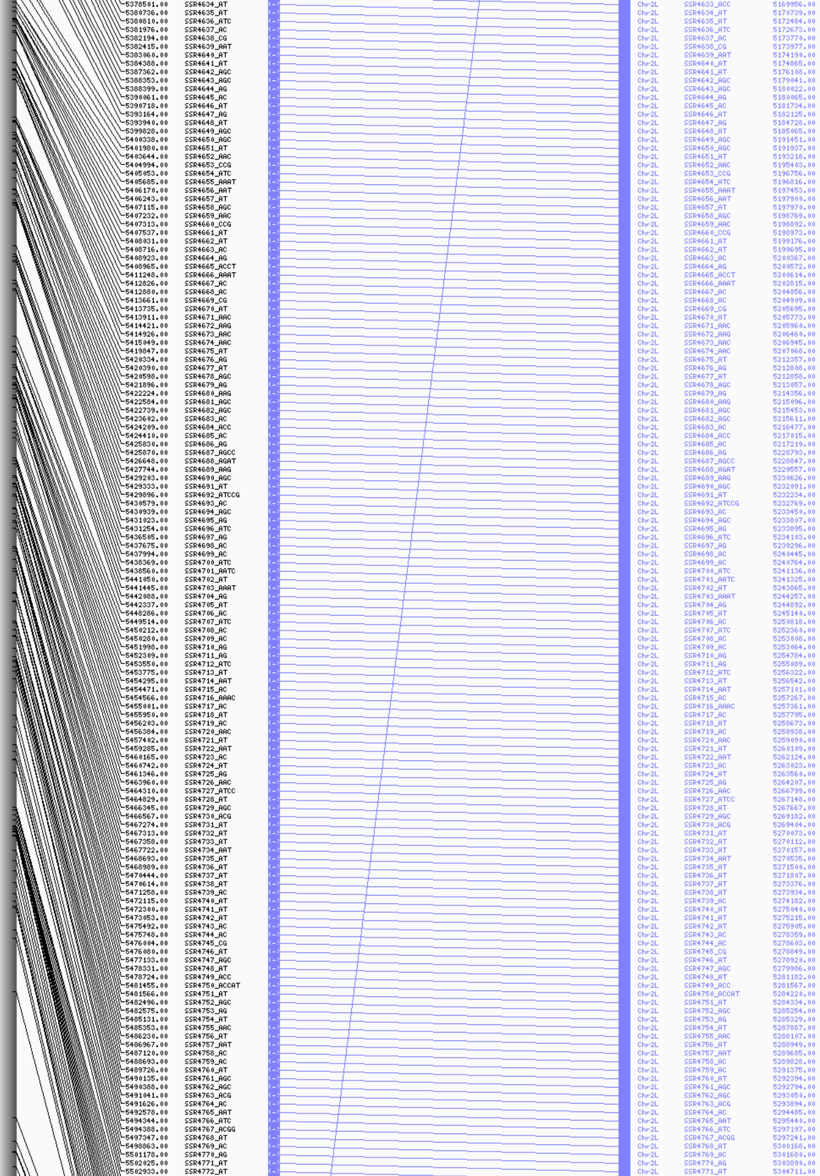

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5382194.00	SSR4638_CG	Chr2L	SSR4637_AC	5173770.00
5382415.00	SSR4639_AAT	Chr2L	SSR4638_CG	5173977.00
5383060.00	SSR4640_AT	Chr2L	SSR4639_AAT	5174190.00
5384388.00	SSR4641_AT	Chr2L	SSR4640_AT	5174865.00
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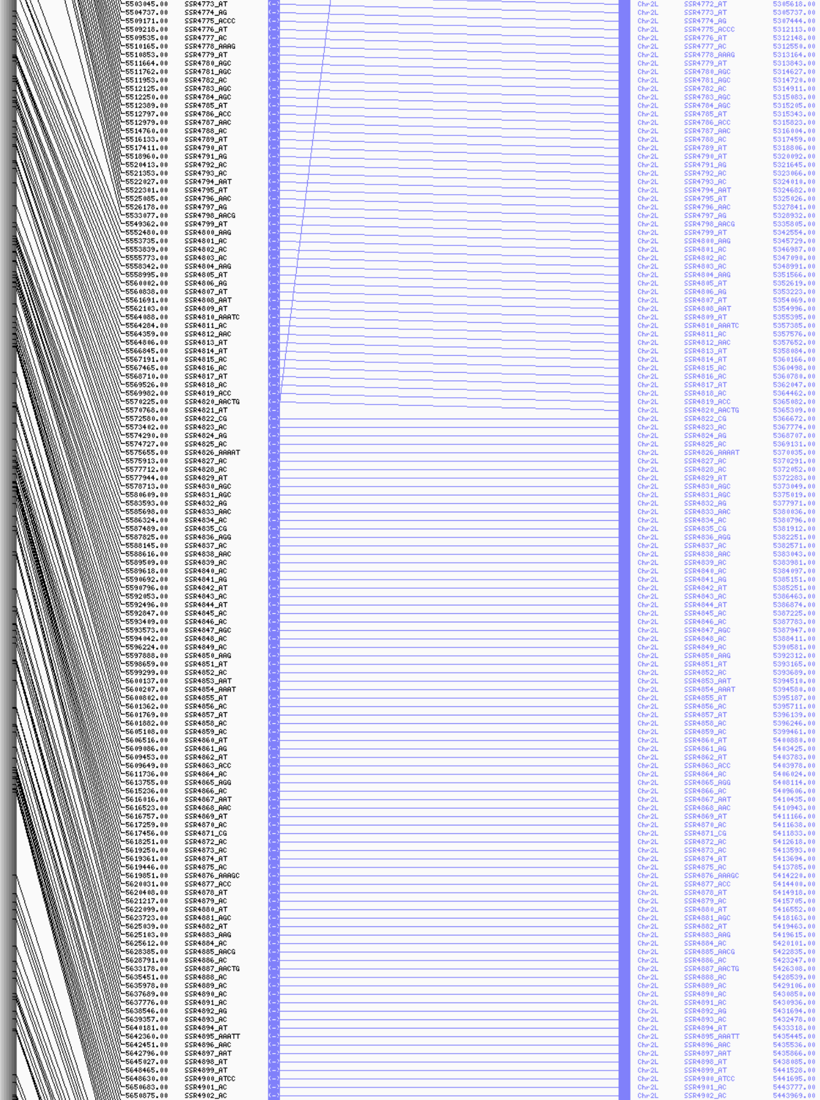
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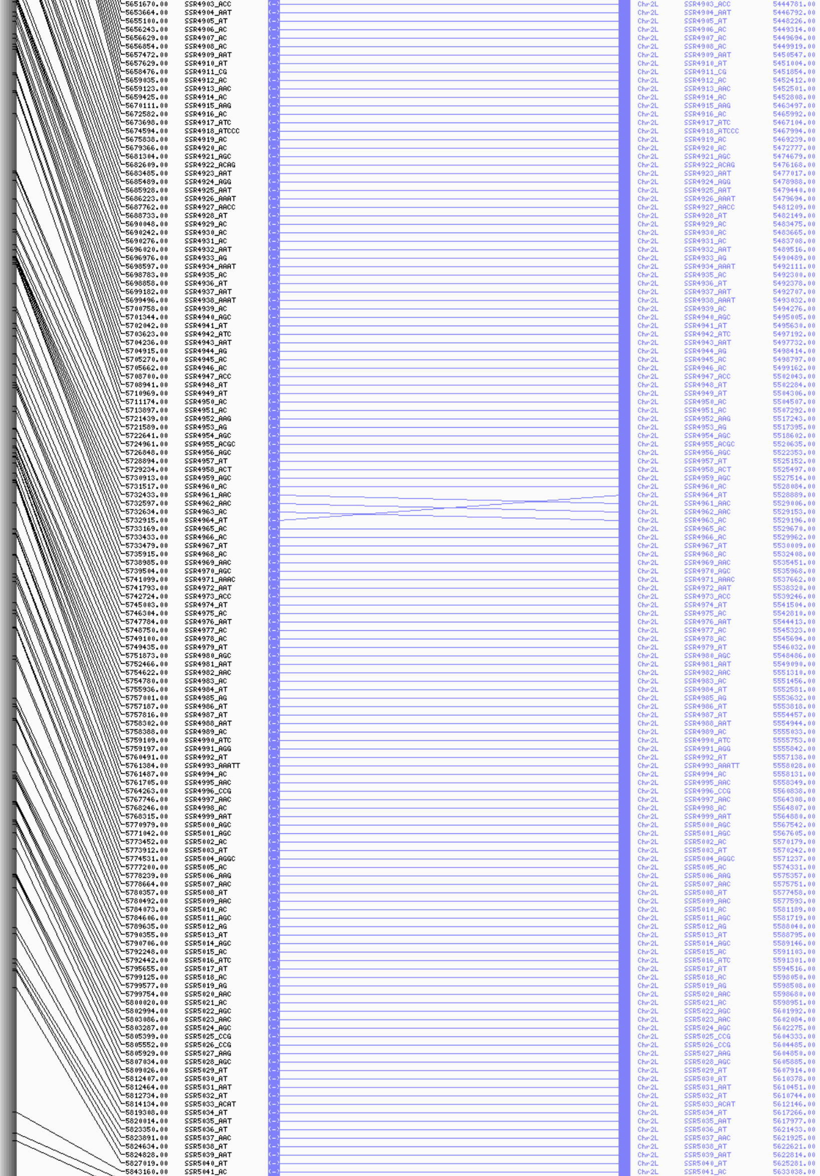

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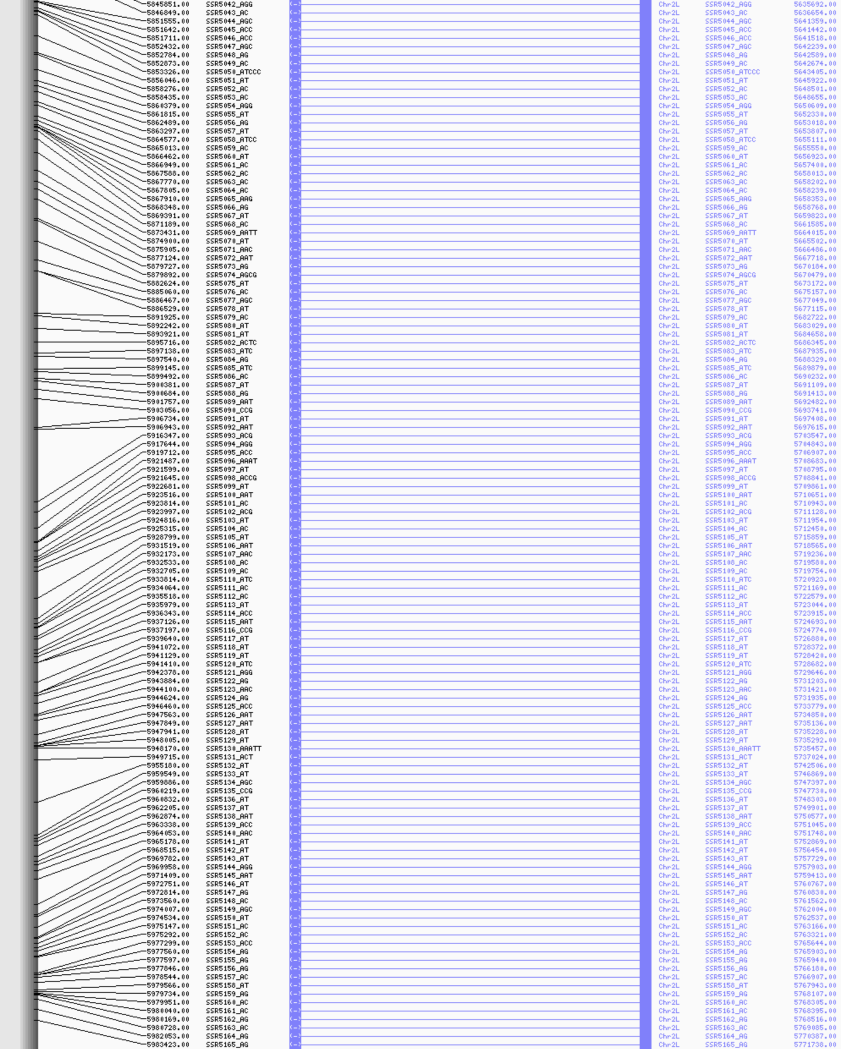

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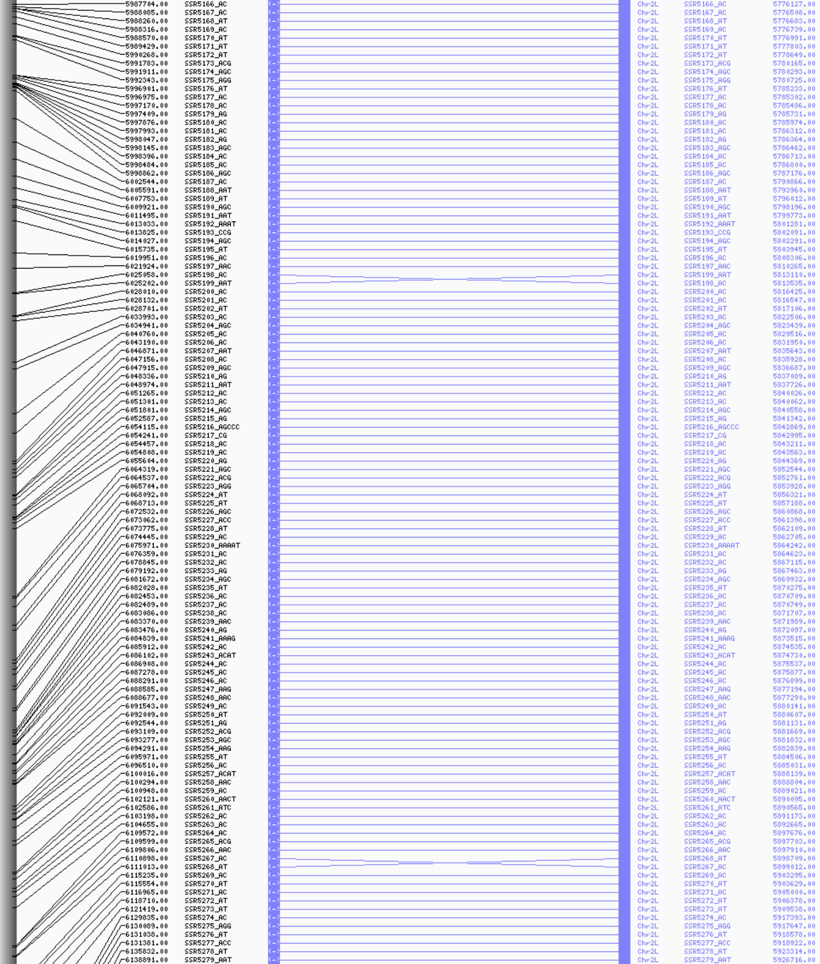

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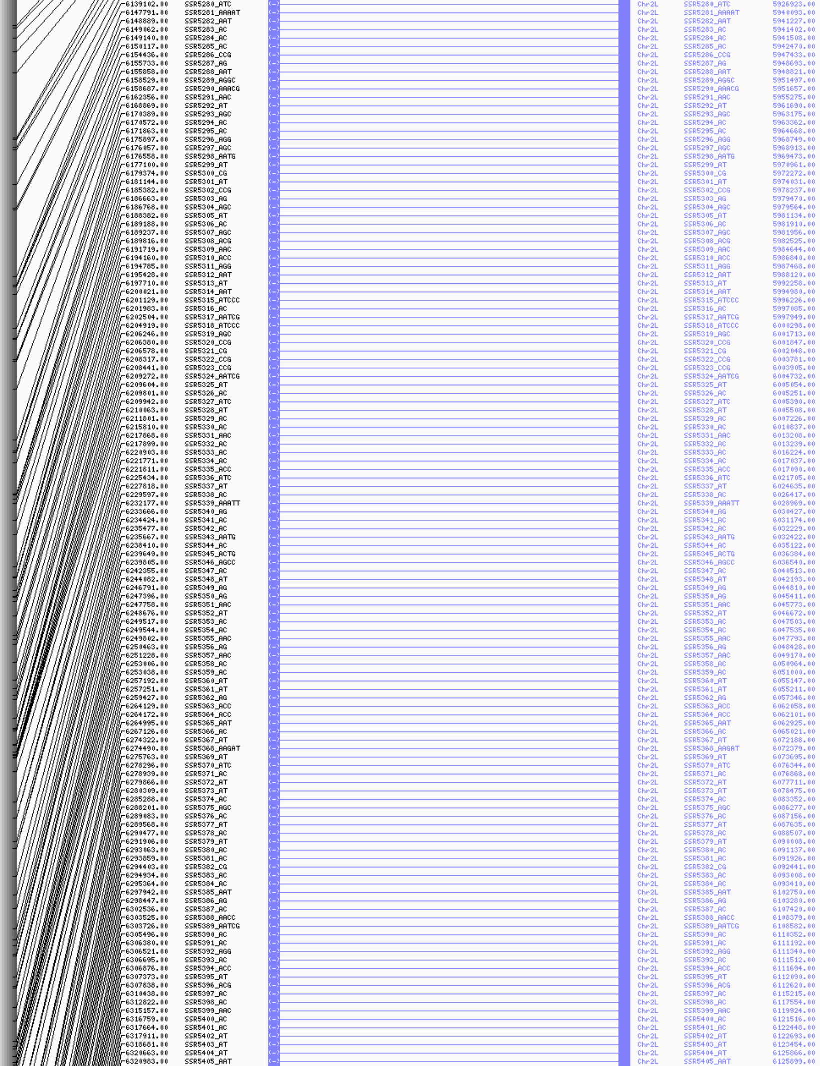

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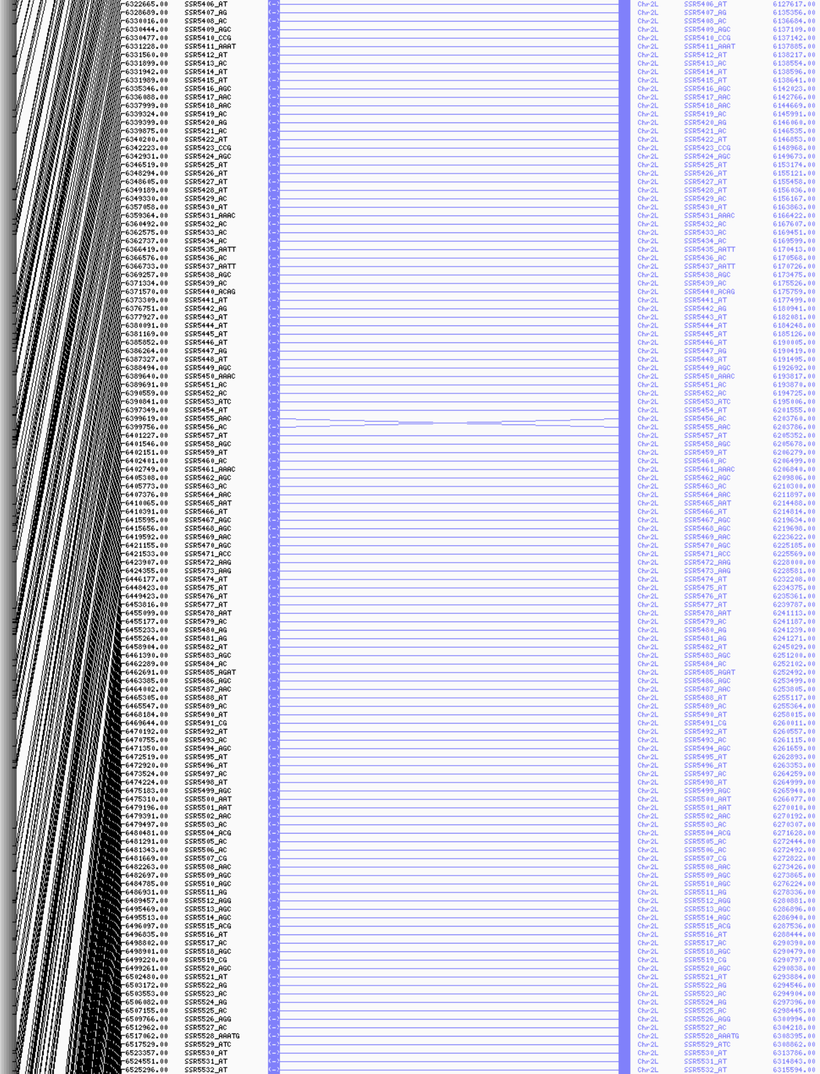

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6337999.00	SSR5418_AAC	Chr2L	SSR5418_AAC	6144669.00
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6479497.00	SSR5503_AC	Chr2L	SSR5503_AC	6270307.00
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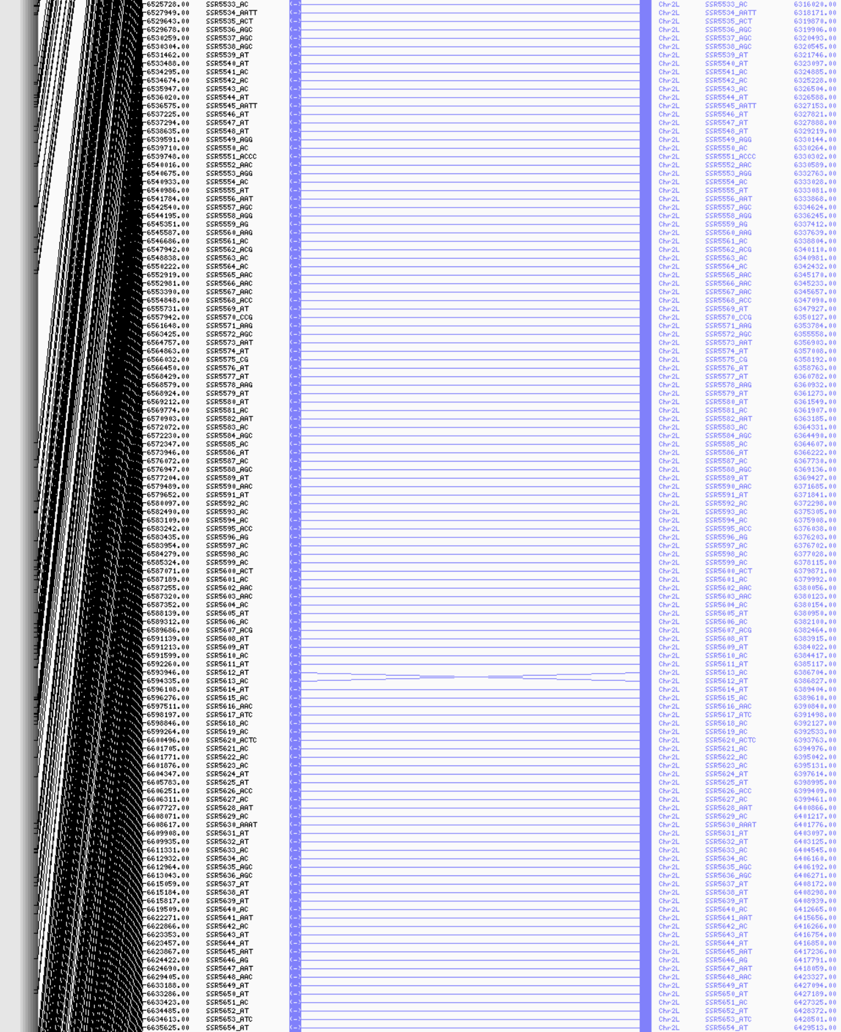

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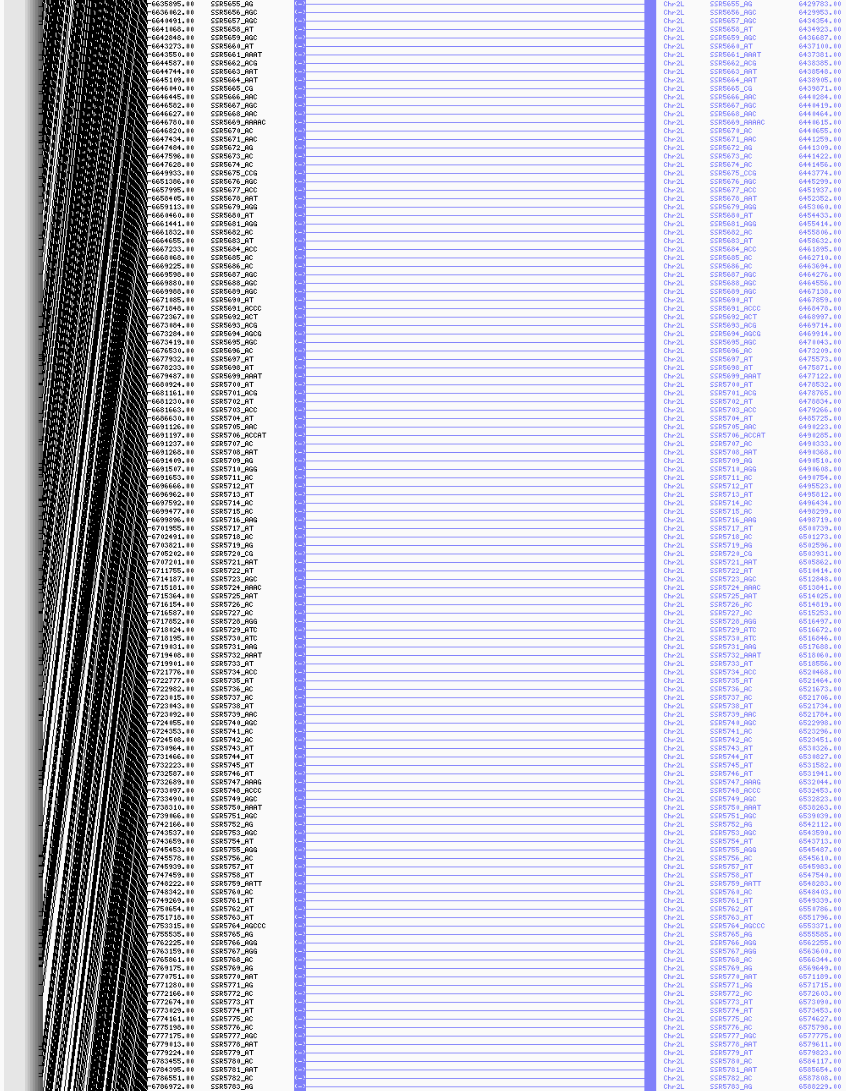

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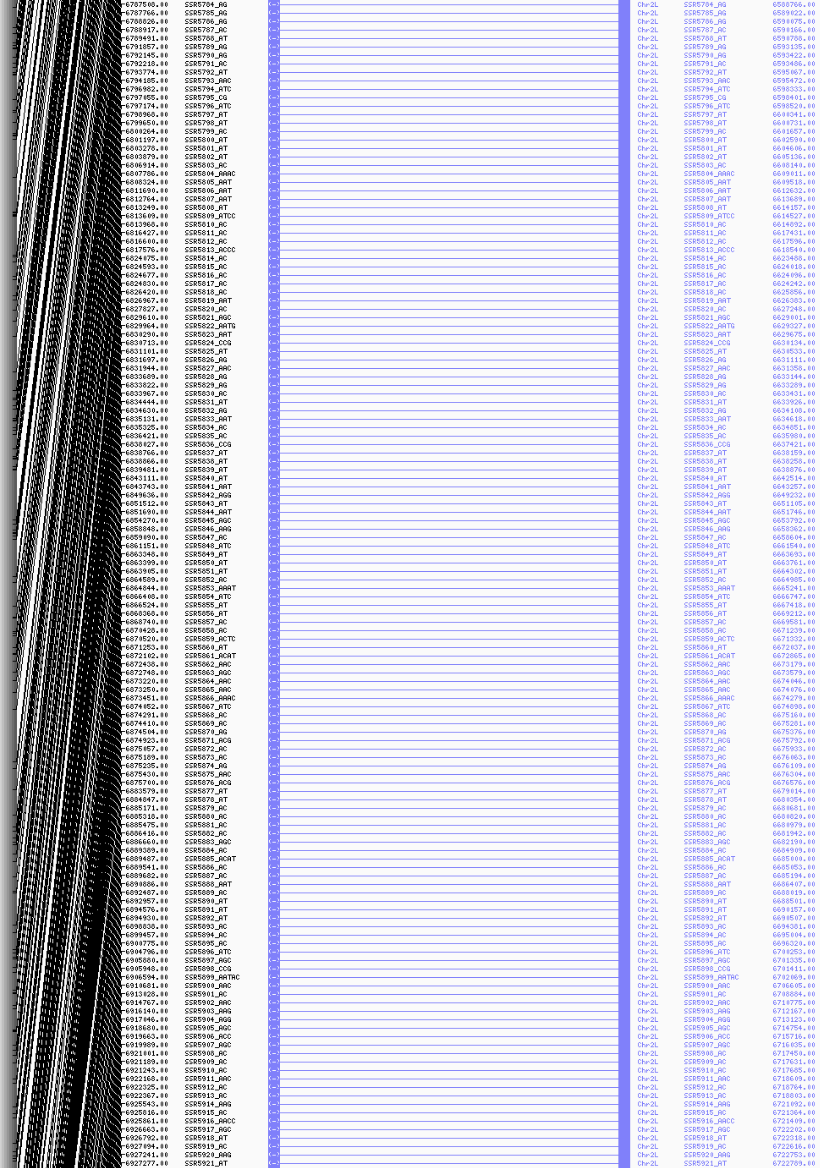

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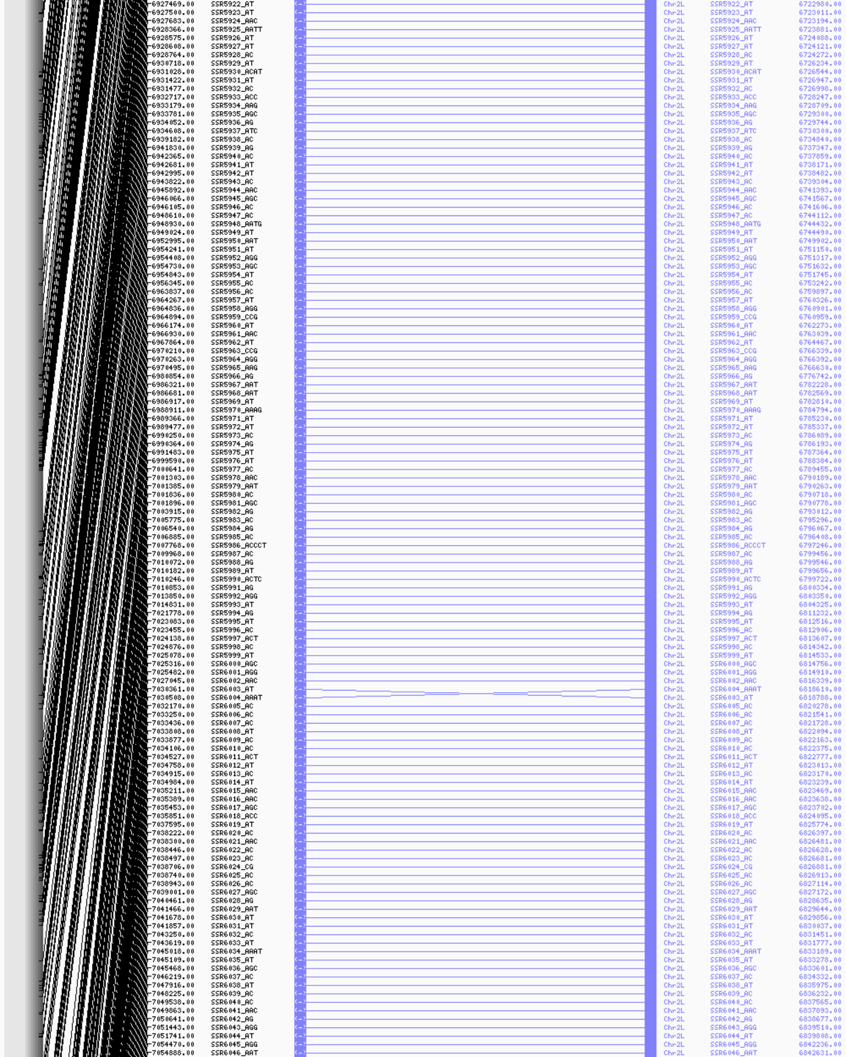

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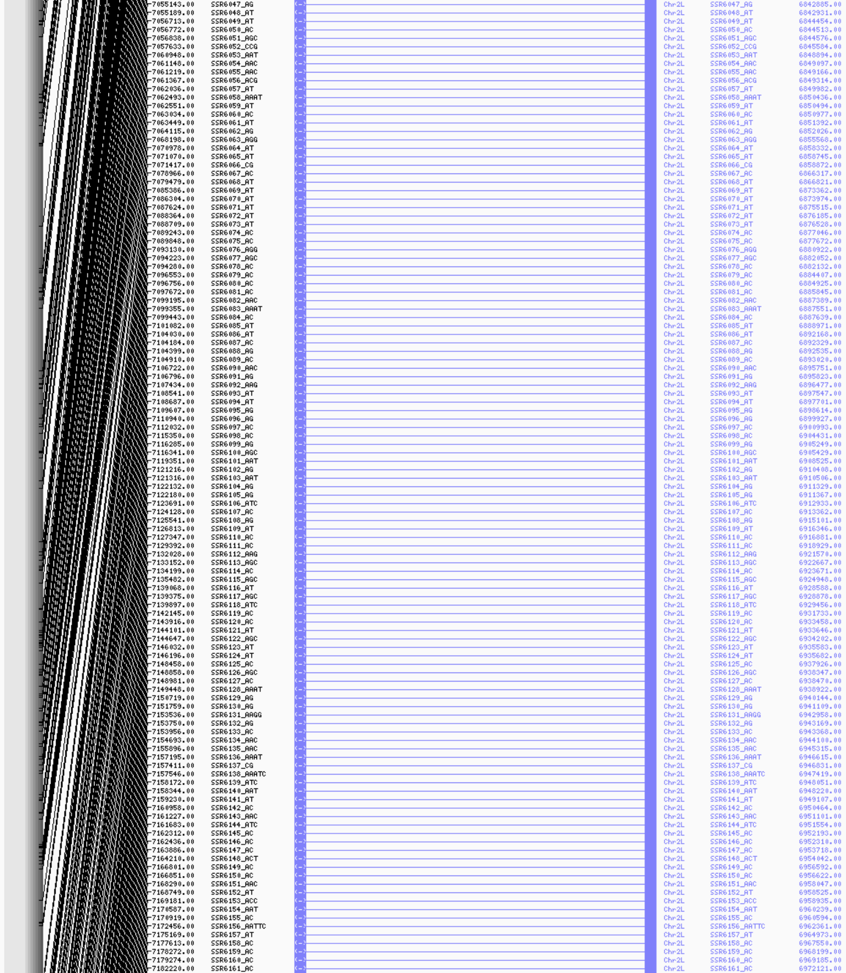

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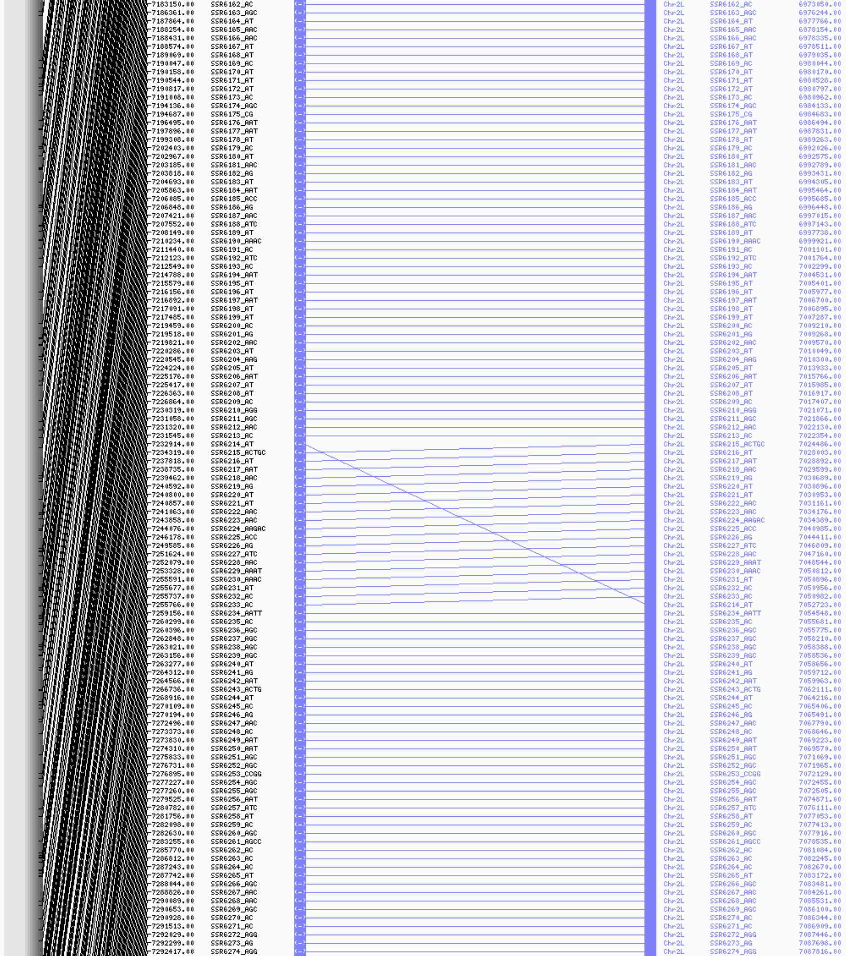

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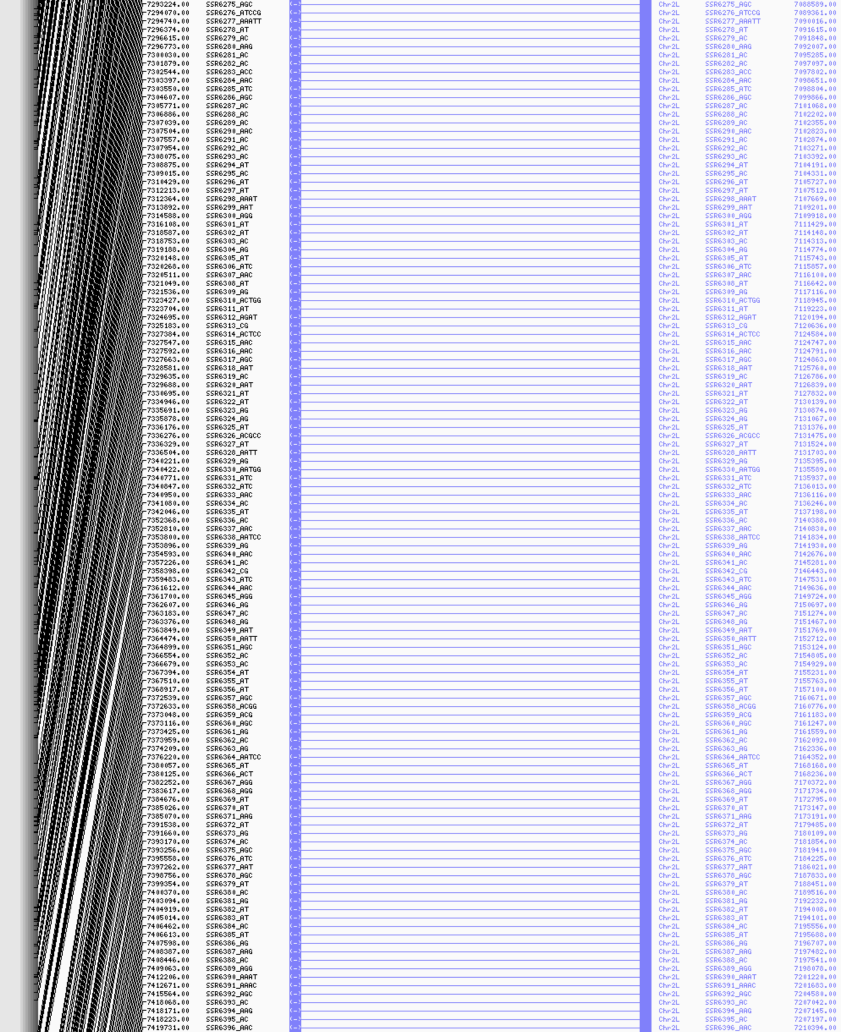

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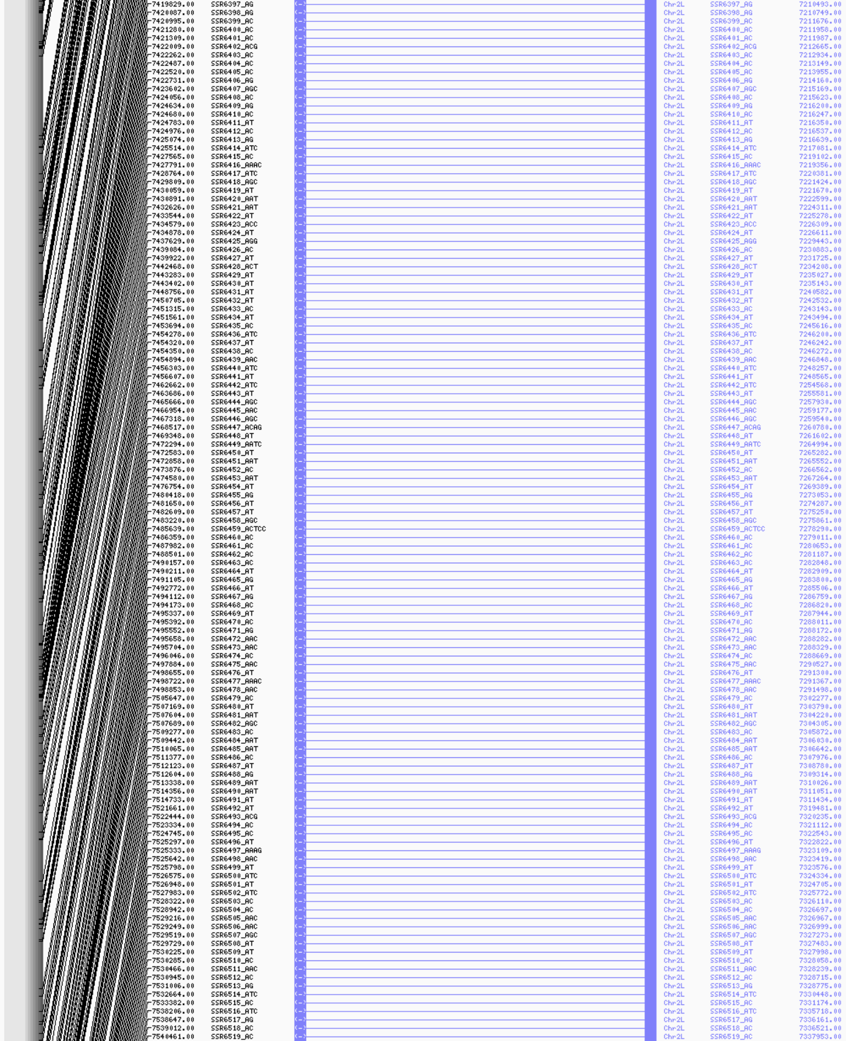

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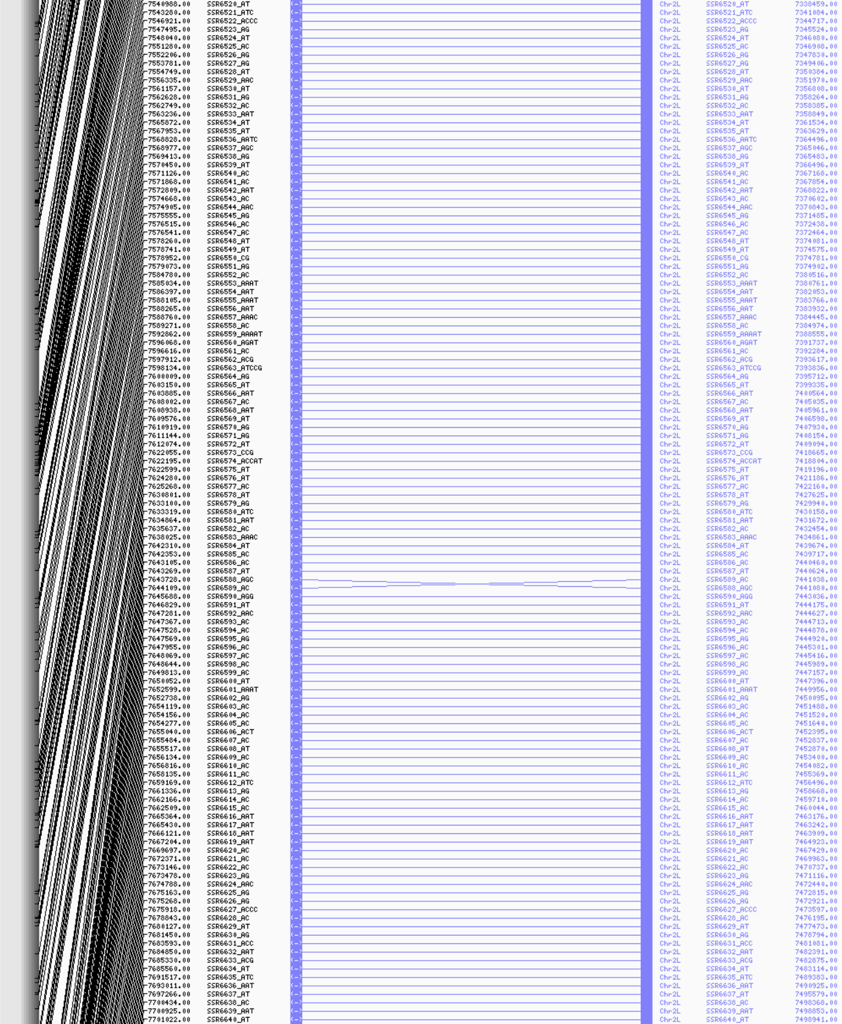

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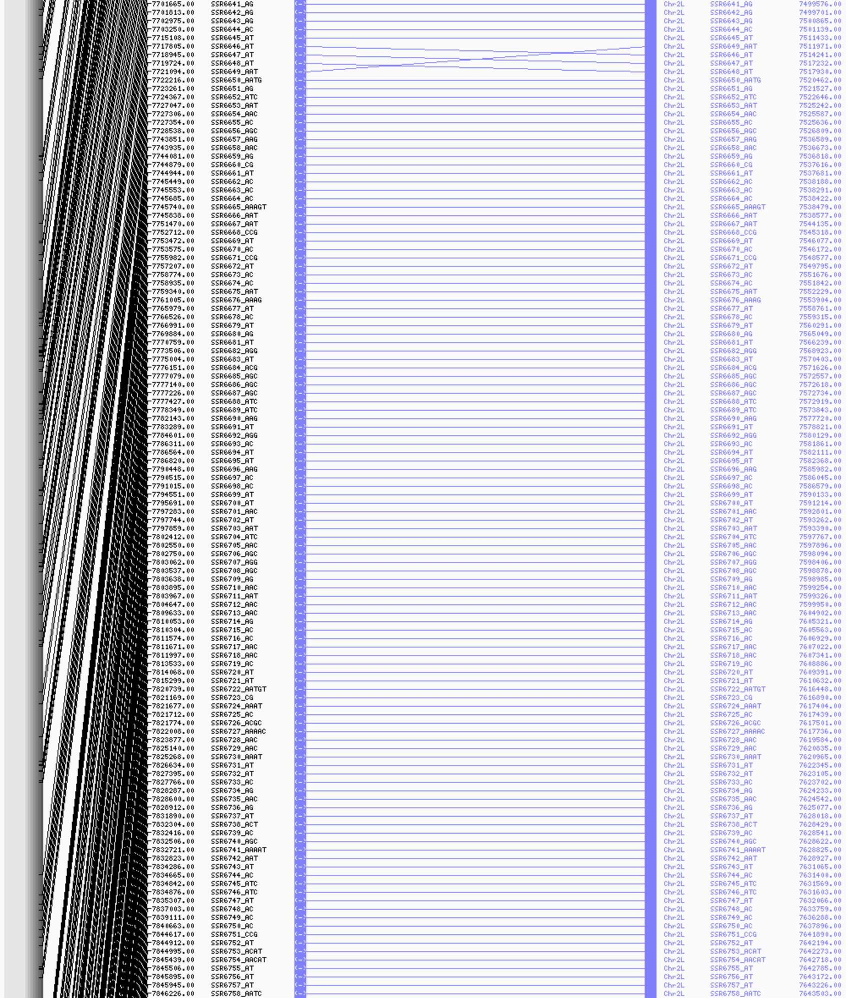

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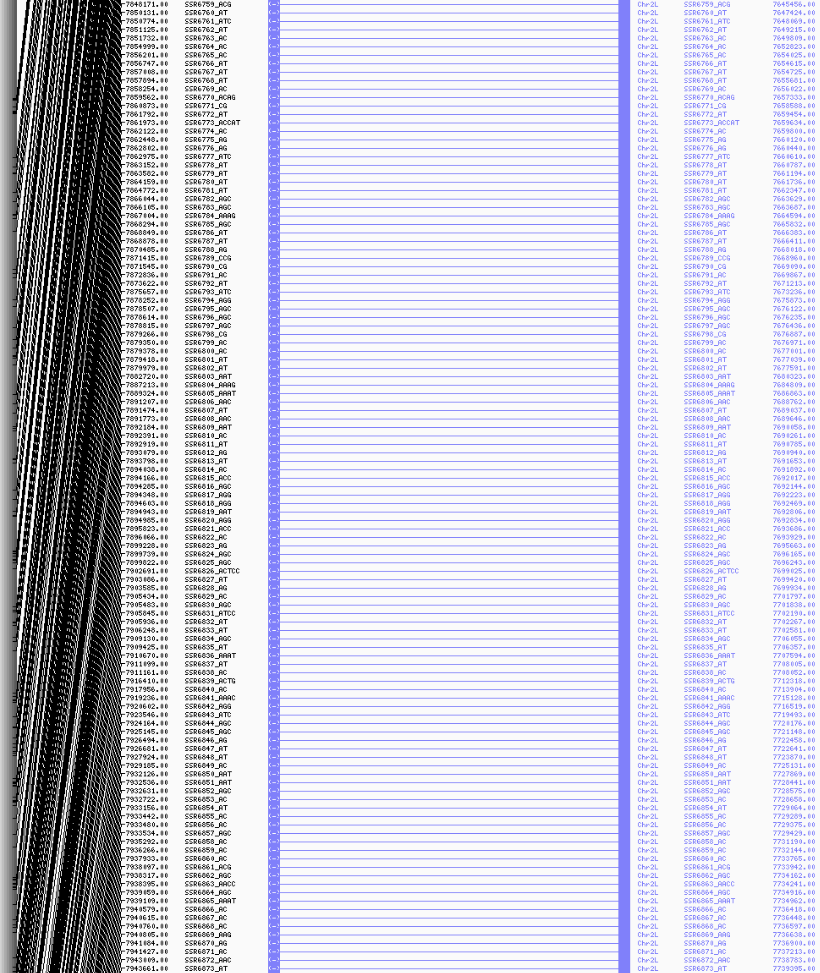

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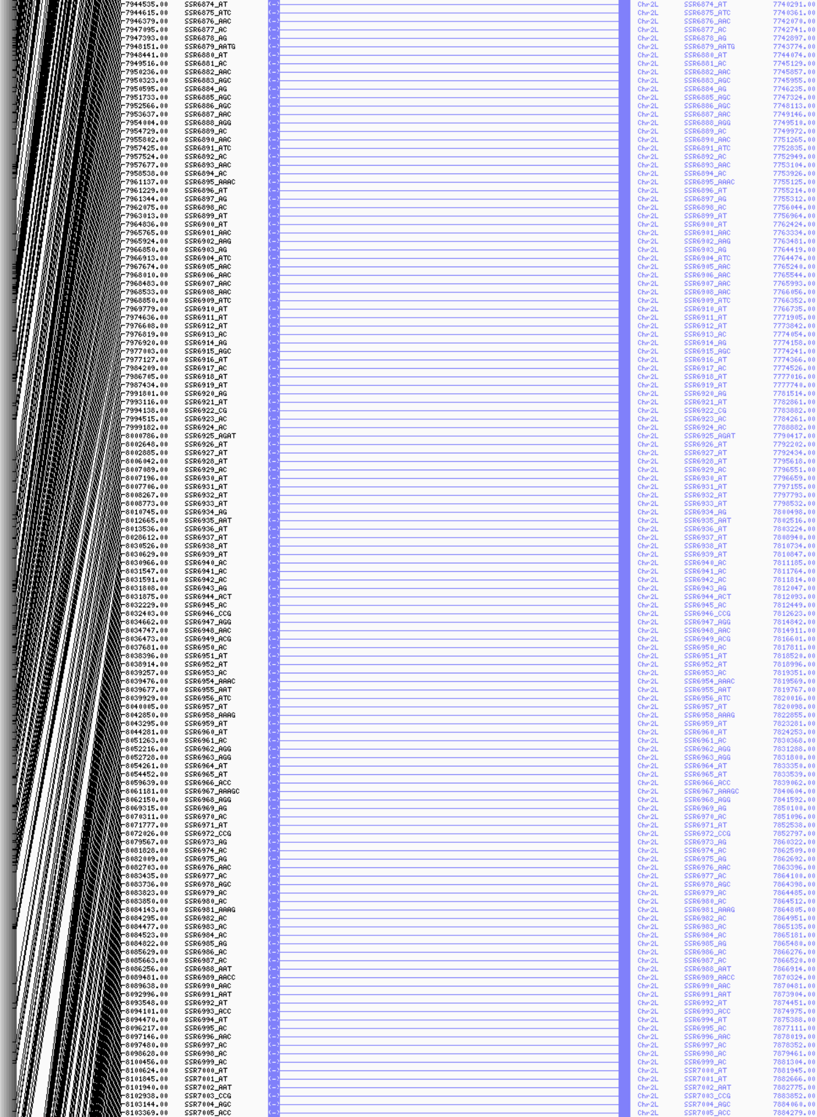

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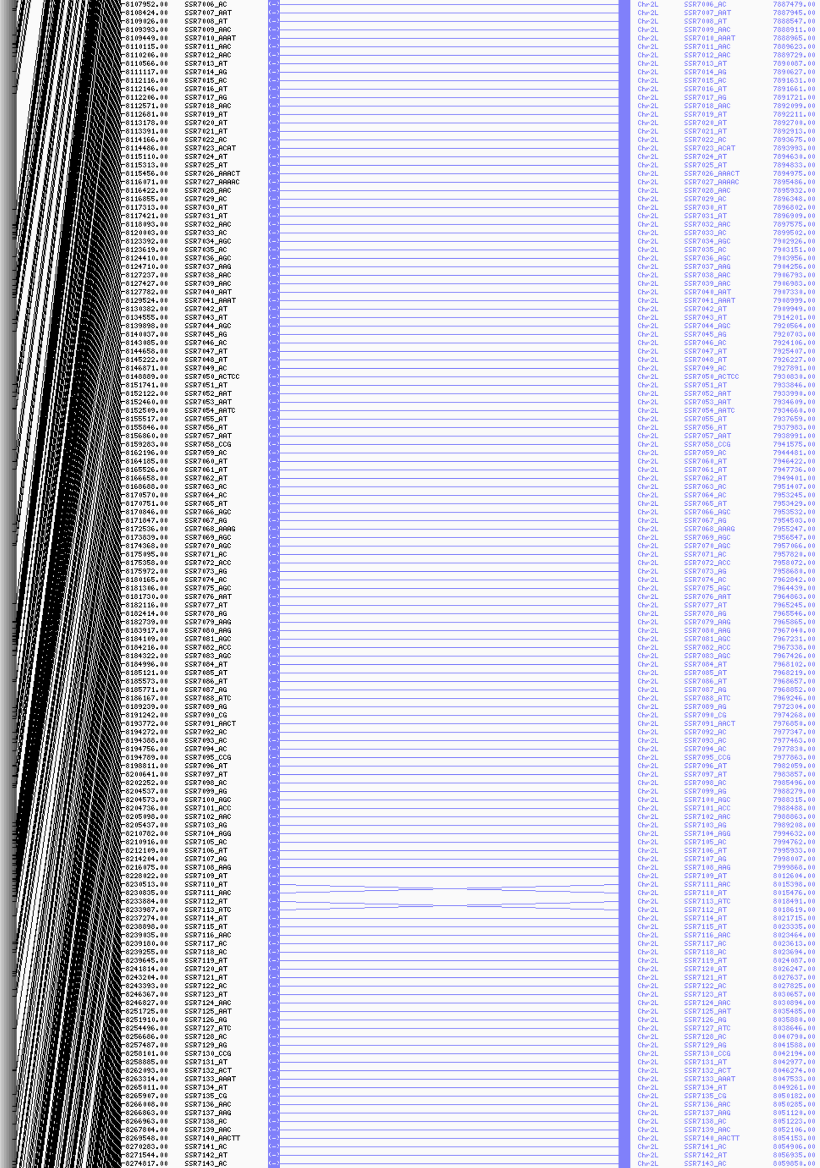

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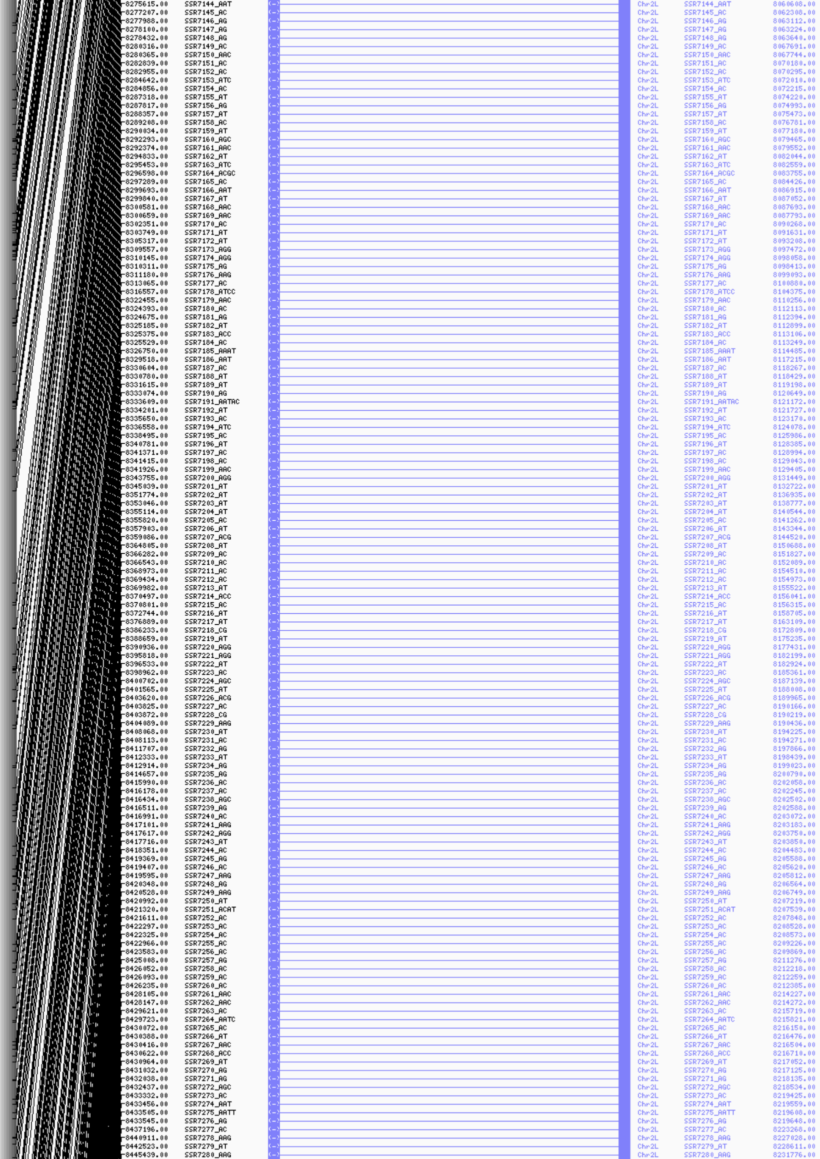

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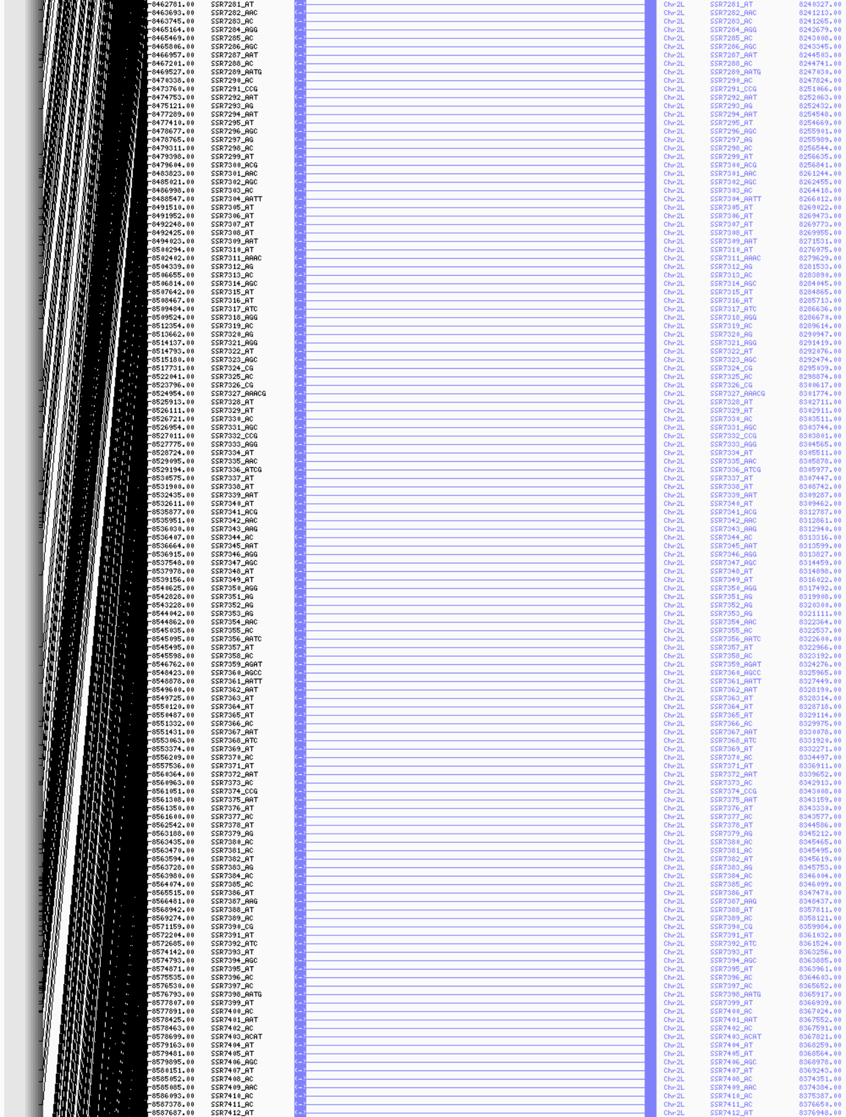

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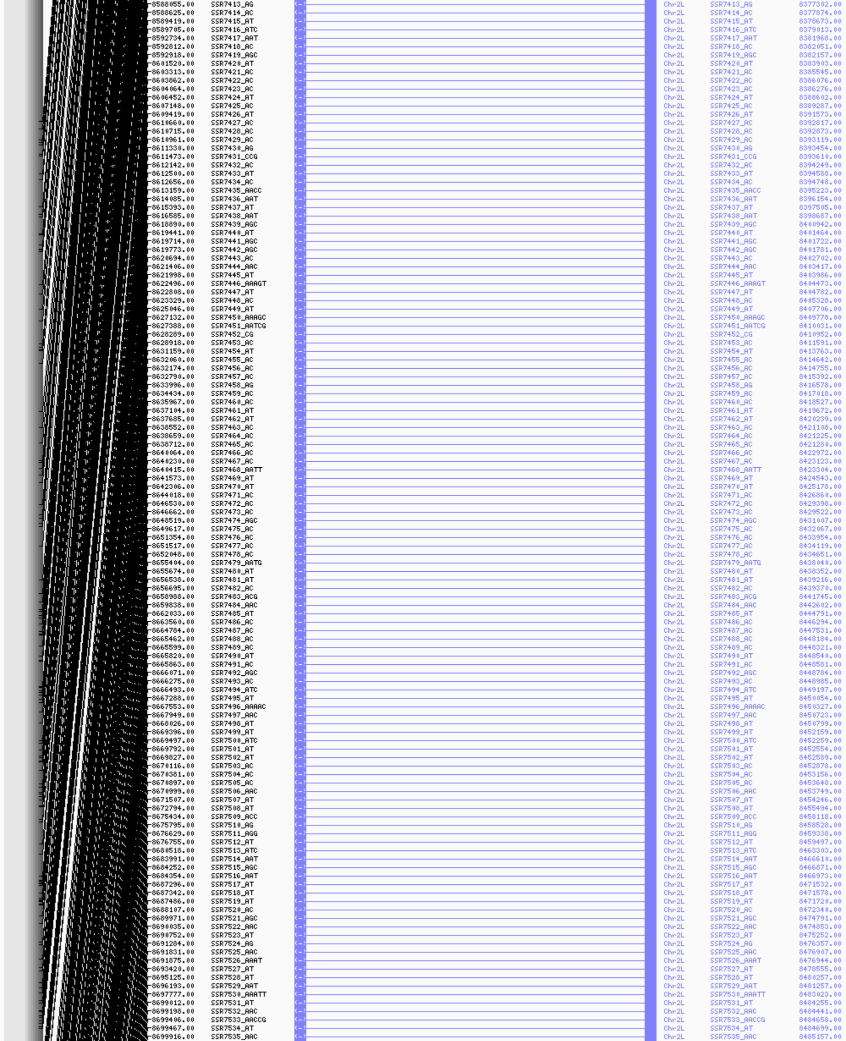

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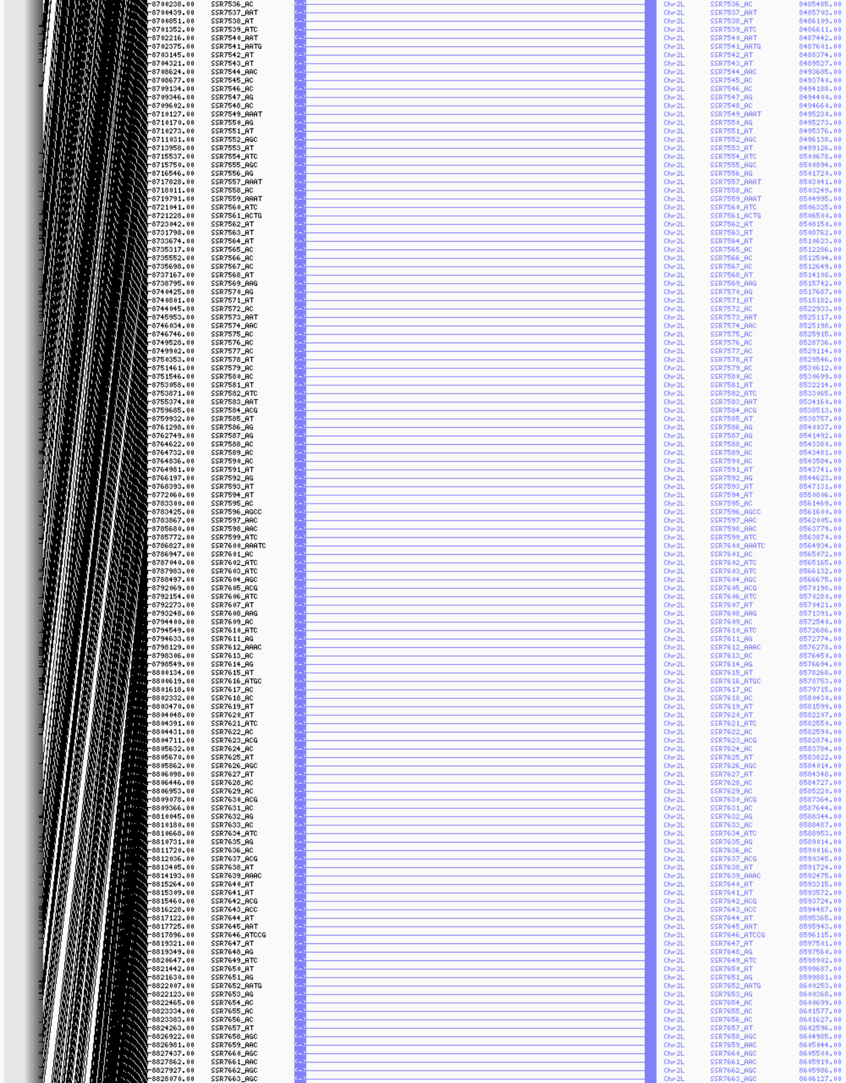

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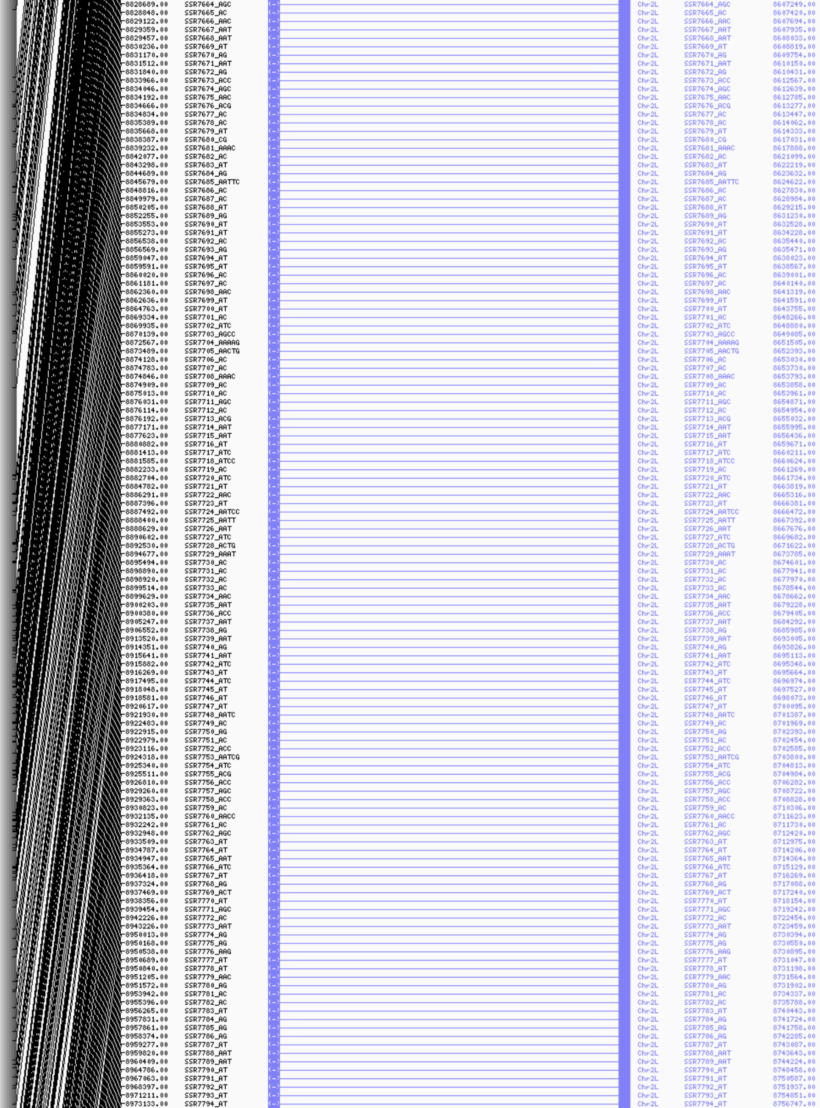

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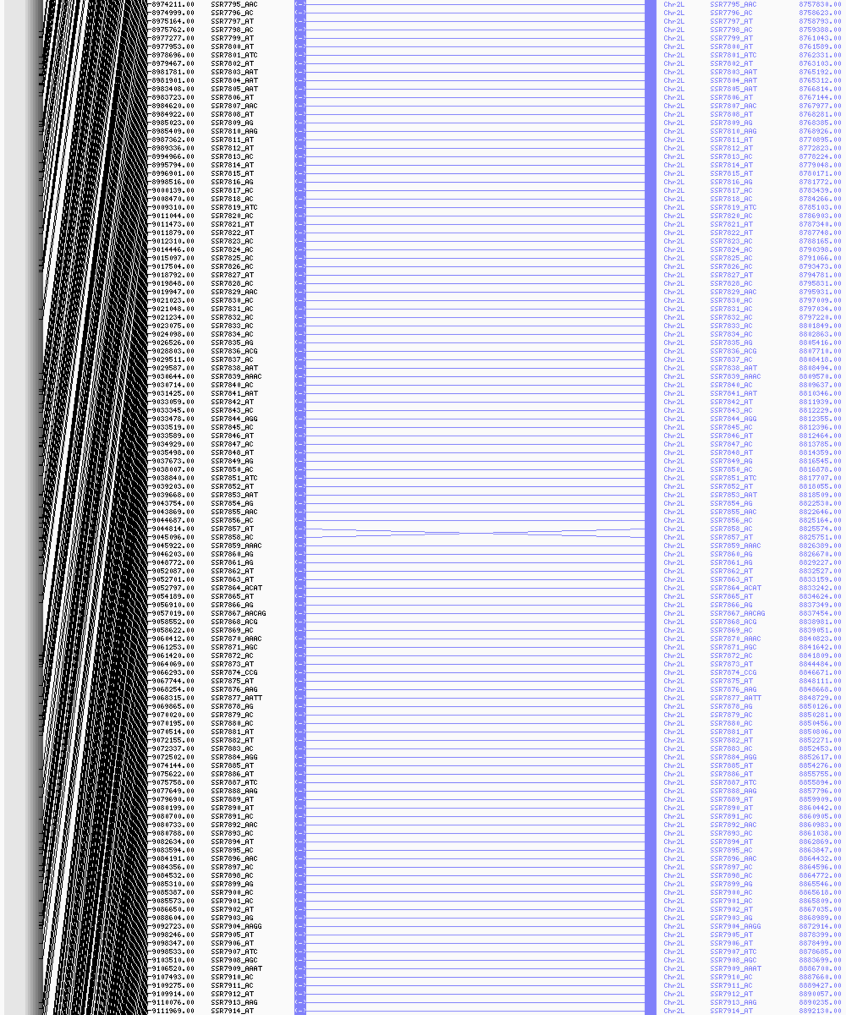

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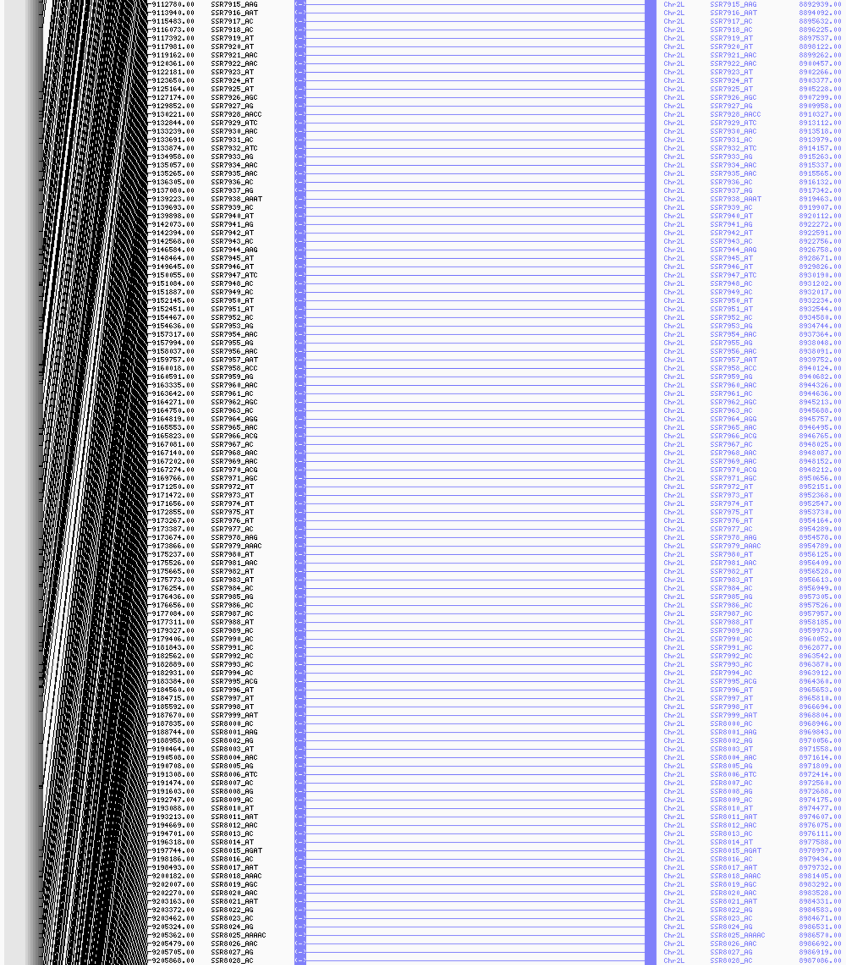

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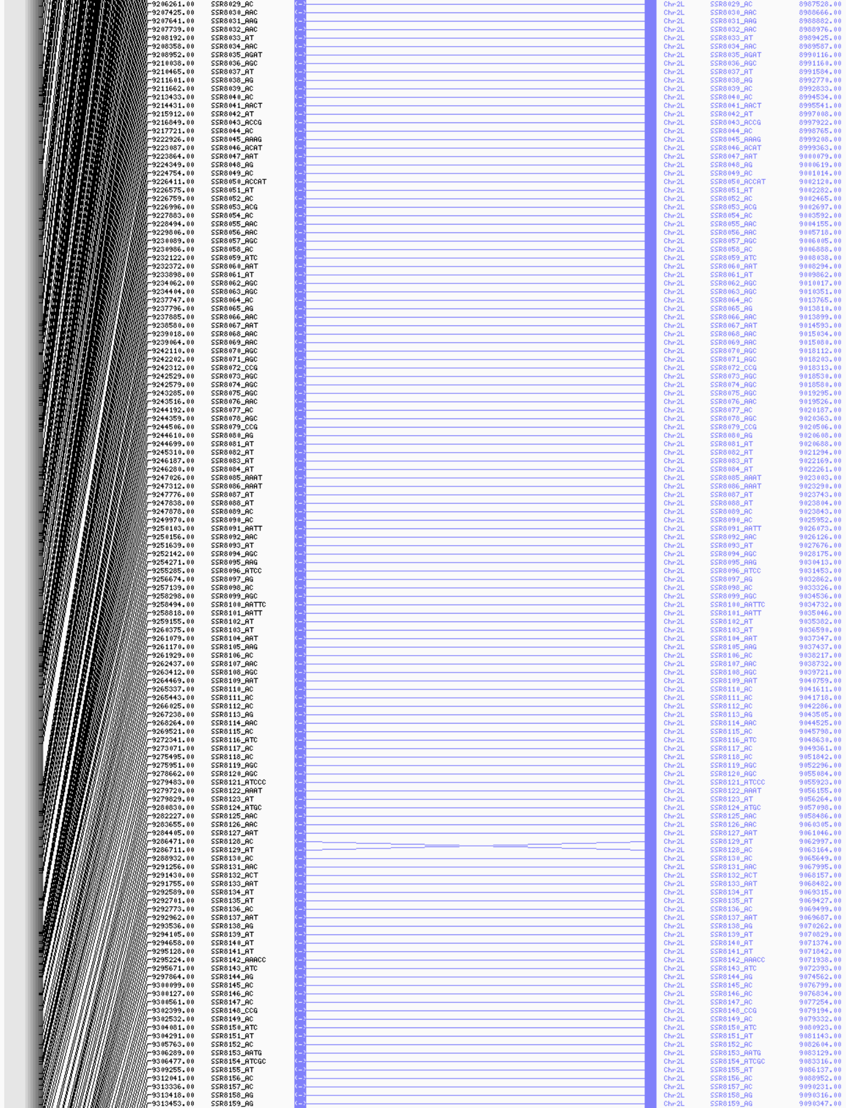

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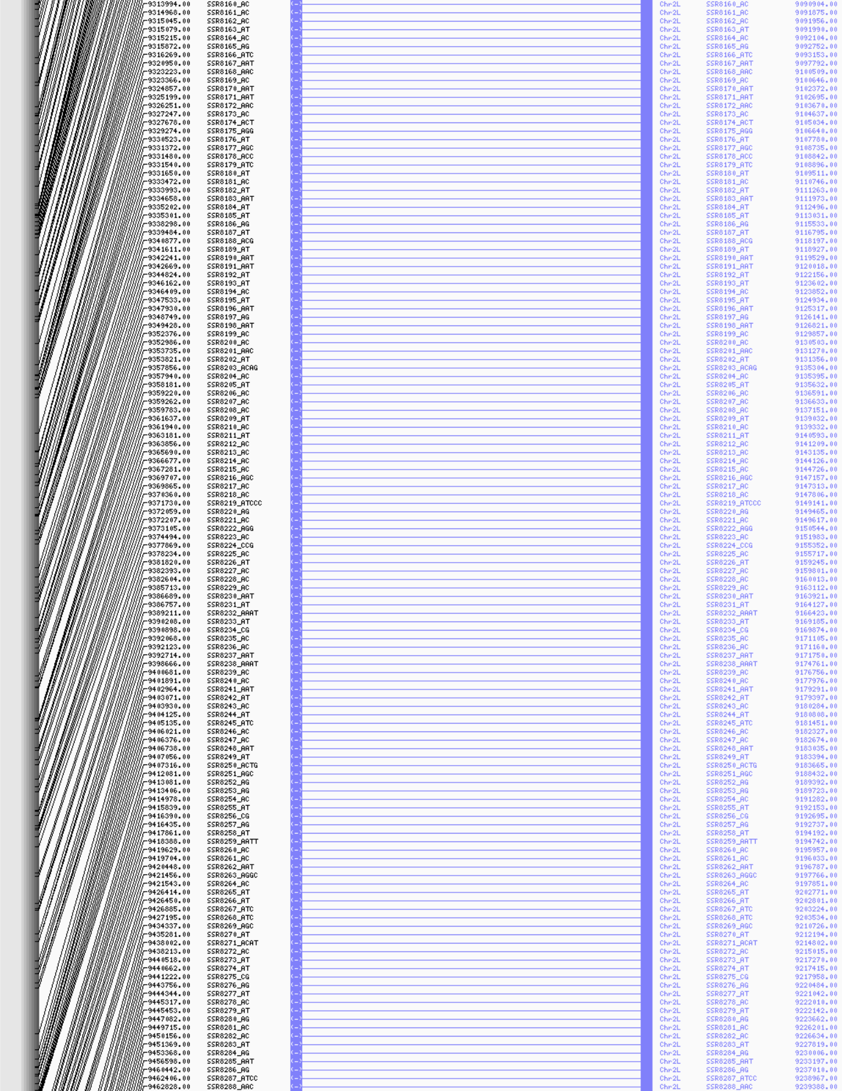

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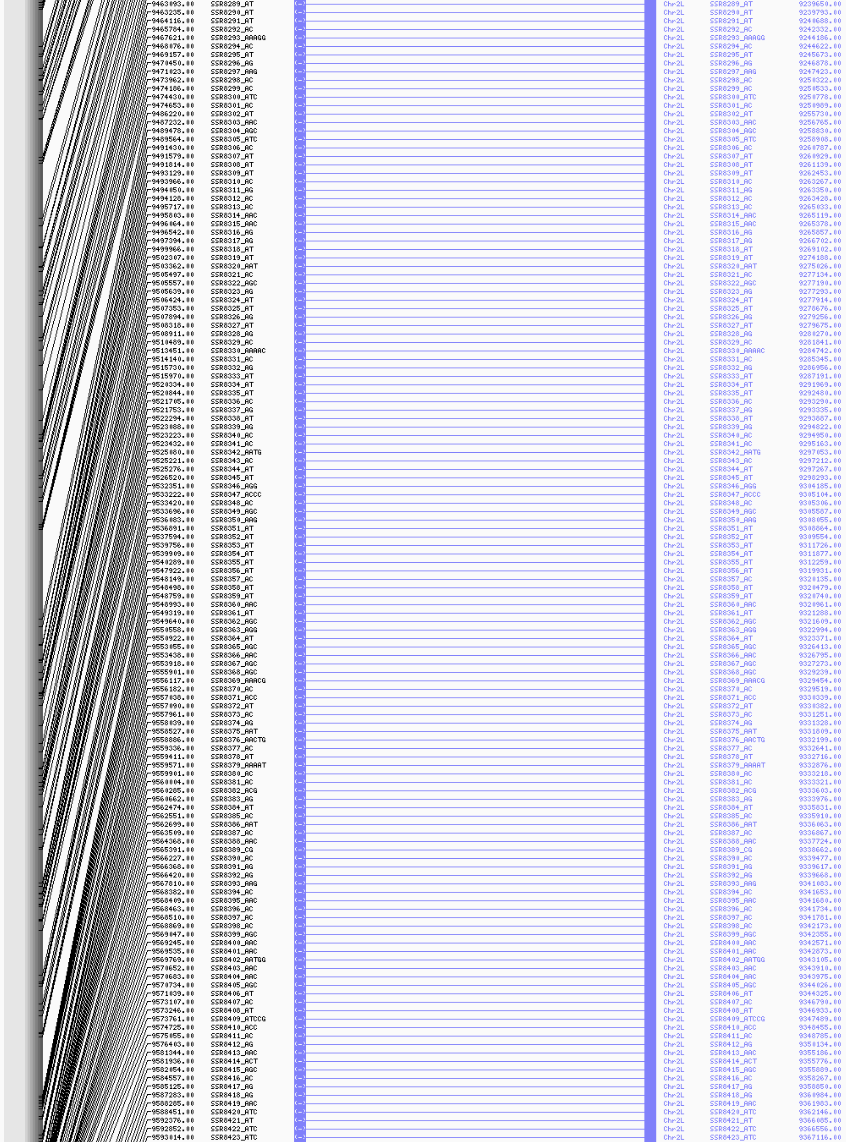

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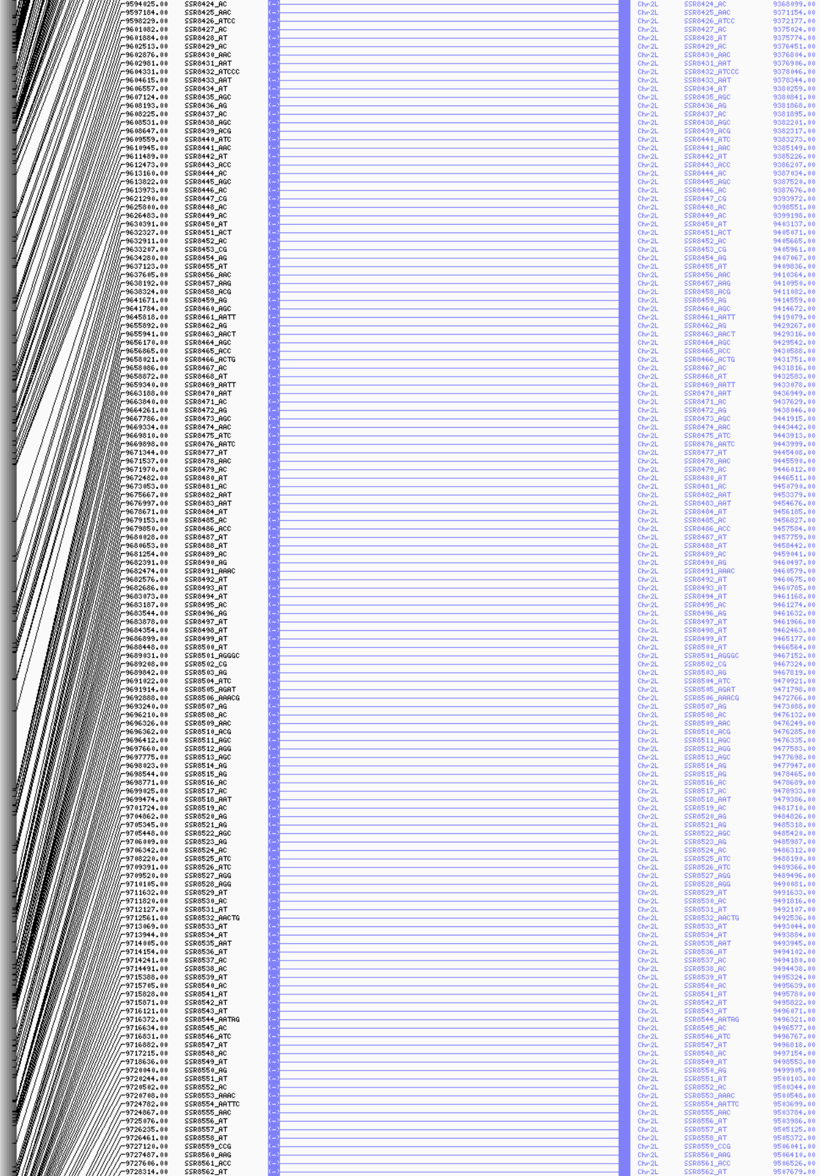

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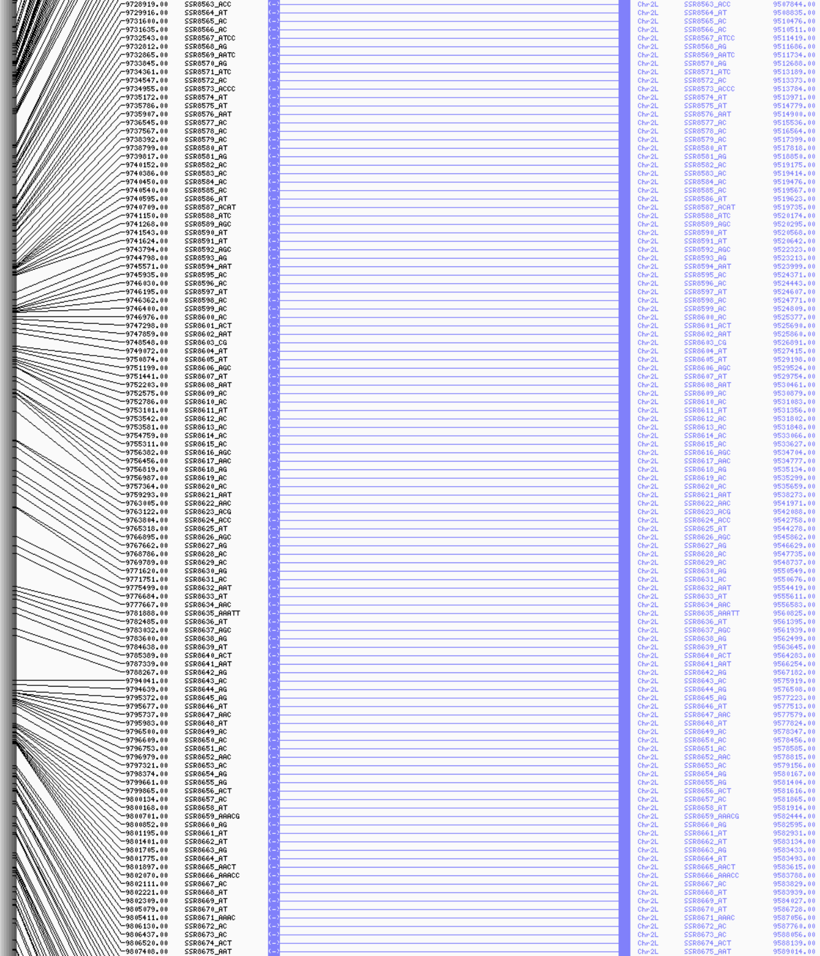

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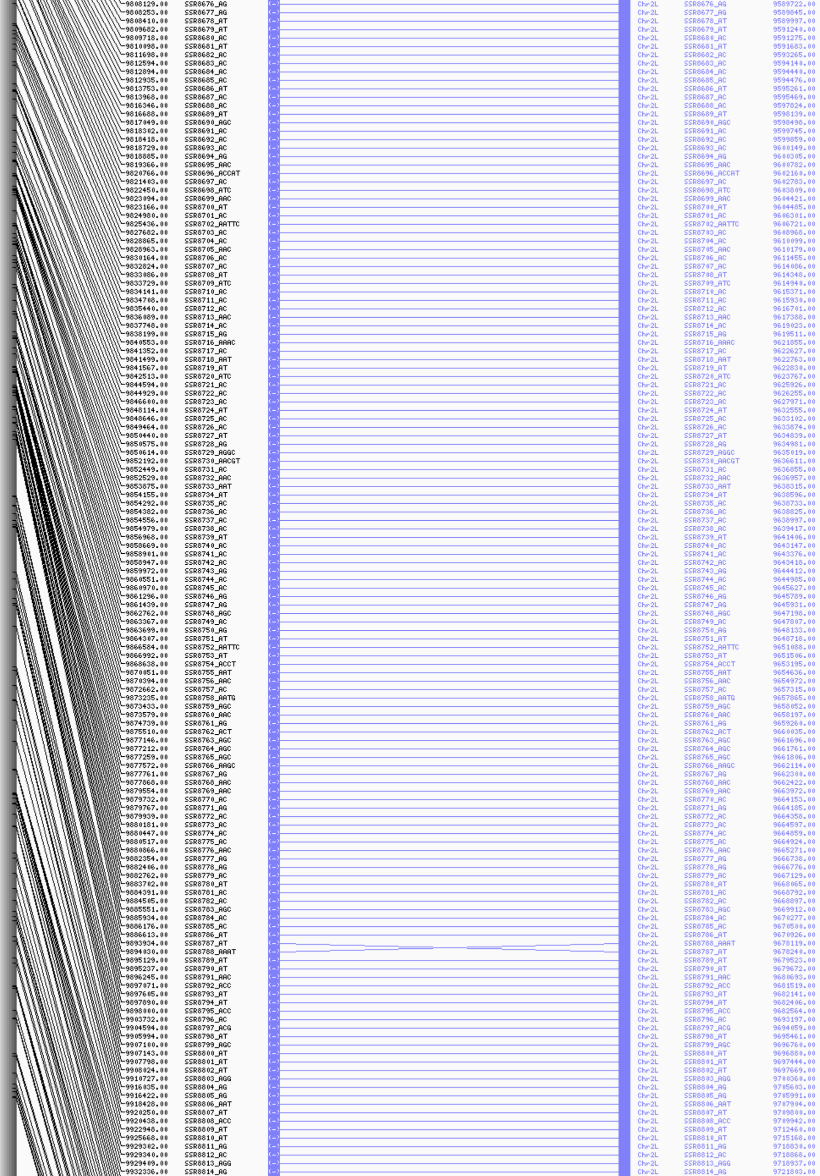

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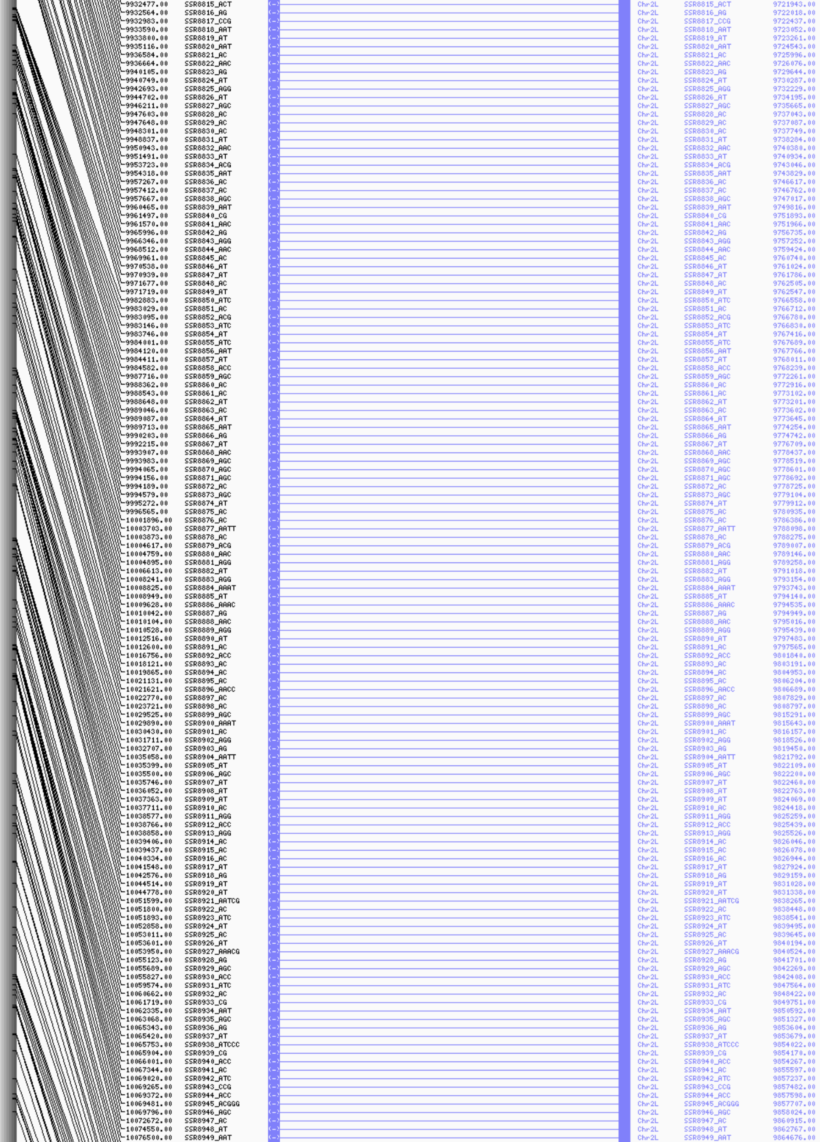

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9983095.00	SSR8852_ACG	(-)	Chr2L	SSR8852_ACG	9766780.00
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10003873.00	SSR8878_AC	(-)	Chr2L	SSR8878_AC	9788275.00
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10074550.00	SSR8948_AT	(-)	Chr2L	SSR8948_AT	9862767.00
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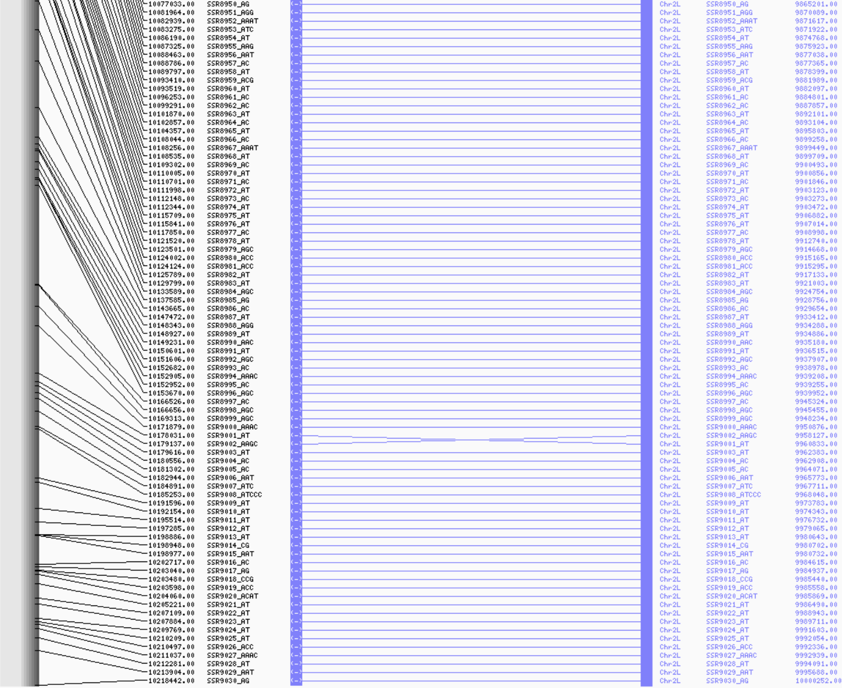

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