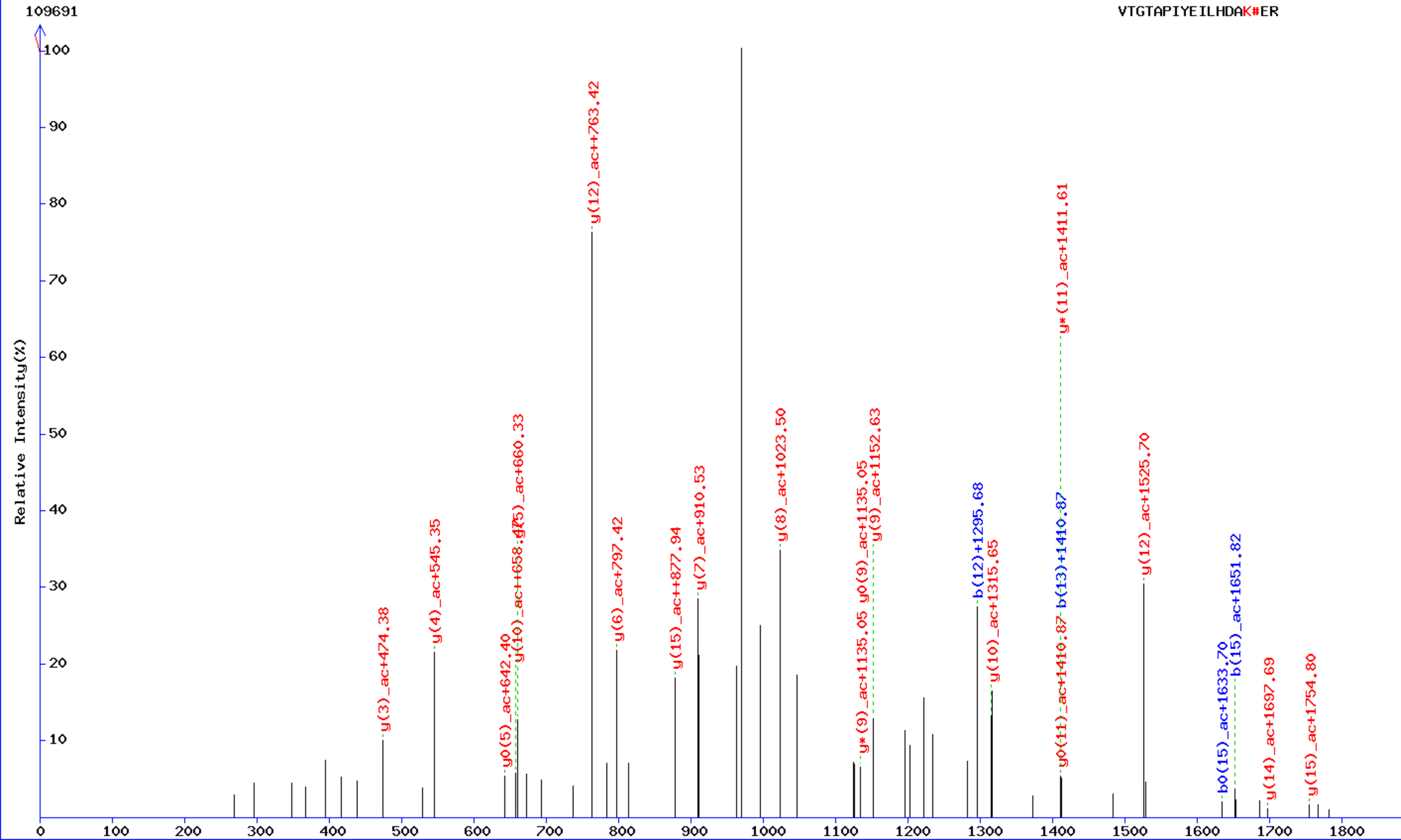


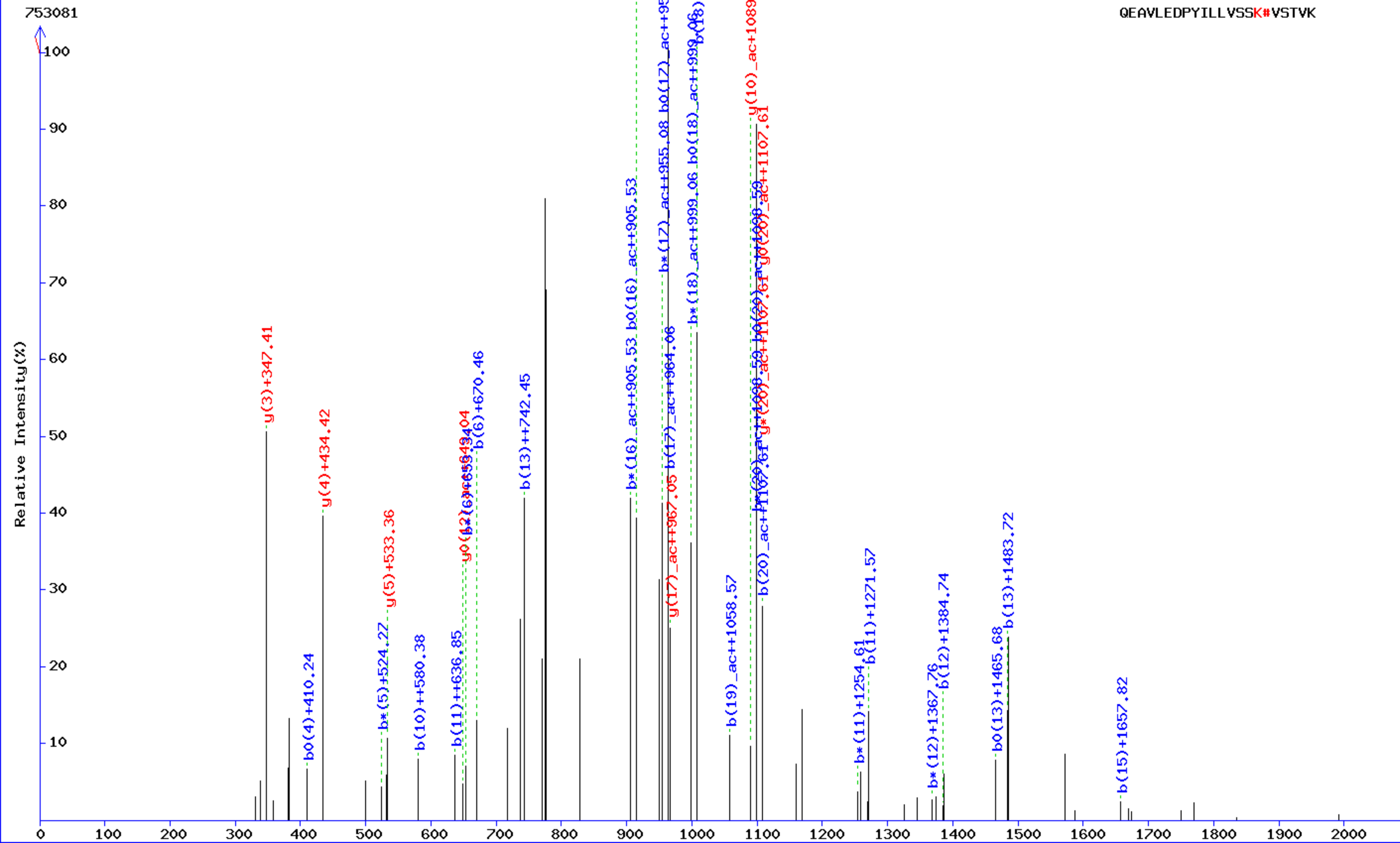
# gi|148661431 MRA\_1646 hypothetical protein

VTGTAPIYEILHDAK#ER

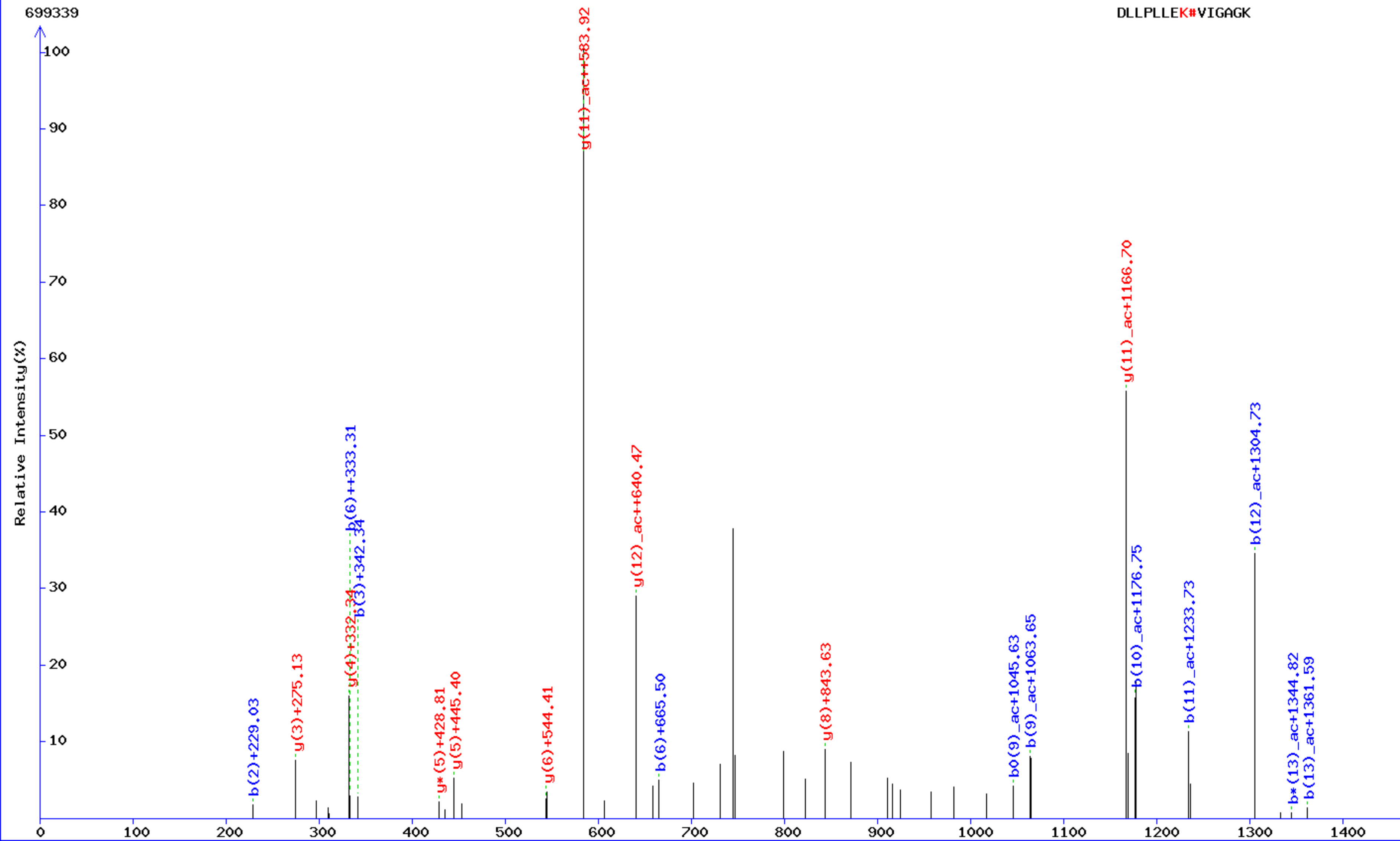


# gi|148660205 MRA\_0445 molecular chaperone GroEL

QEAVLEDPYILLVSSK#VSTVK

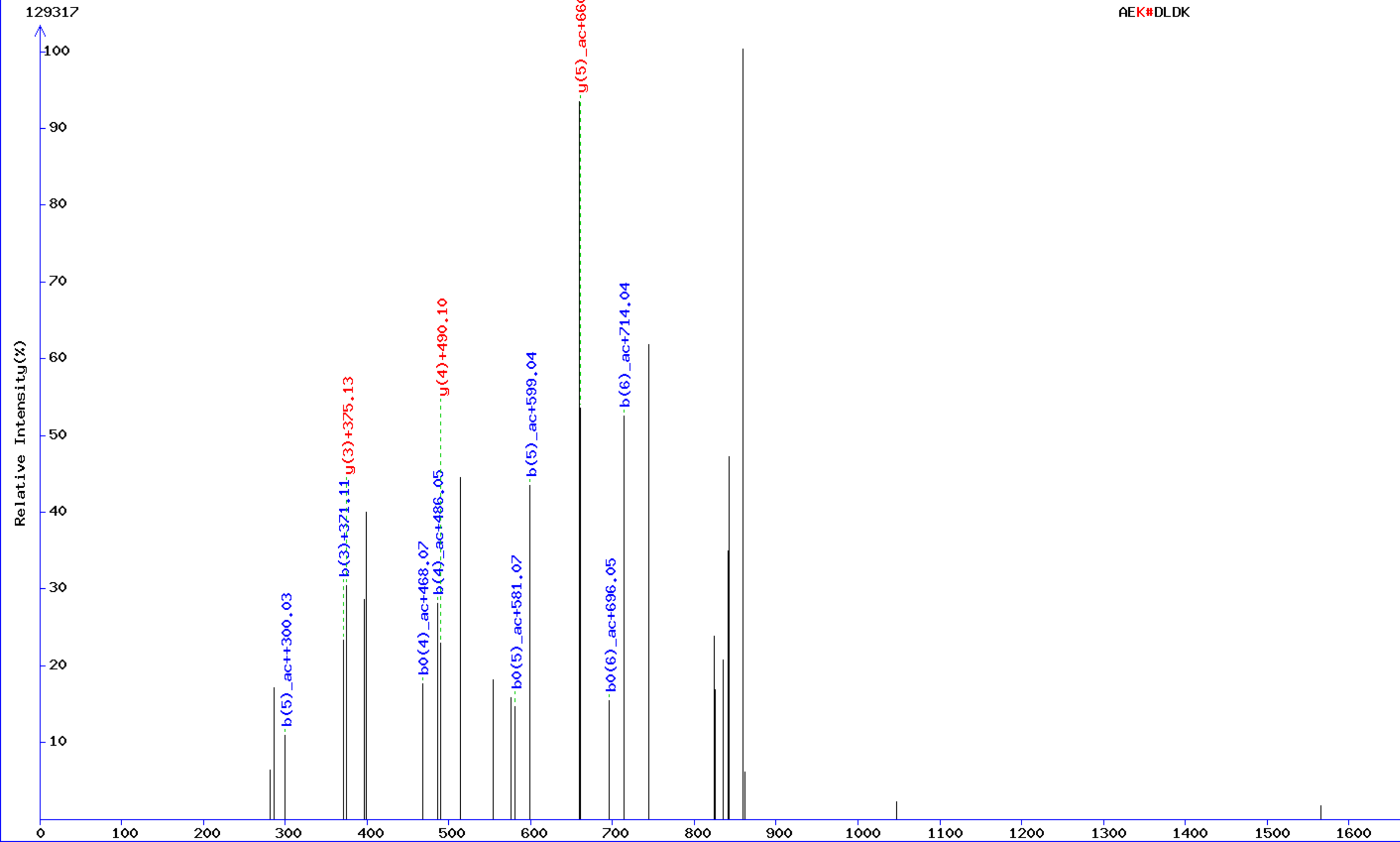


# gi|148660205 MRA\_0445 molecular chaperone GroEL



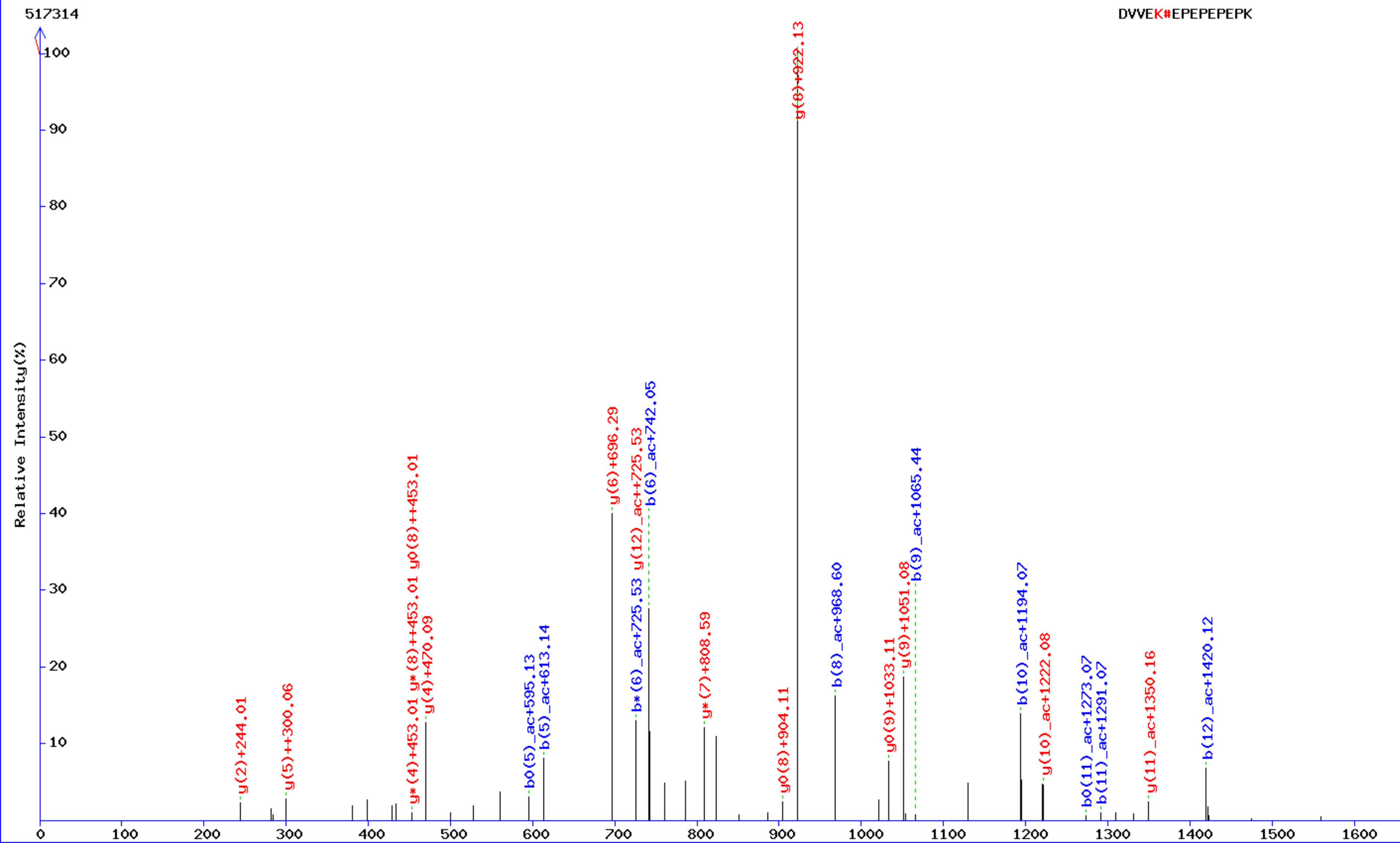
# gi|148662726 MRA\_2907 ribosome recycling factor

AEK#DLDK



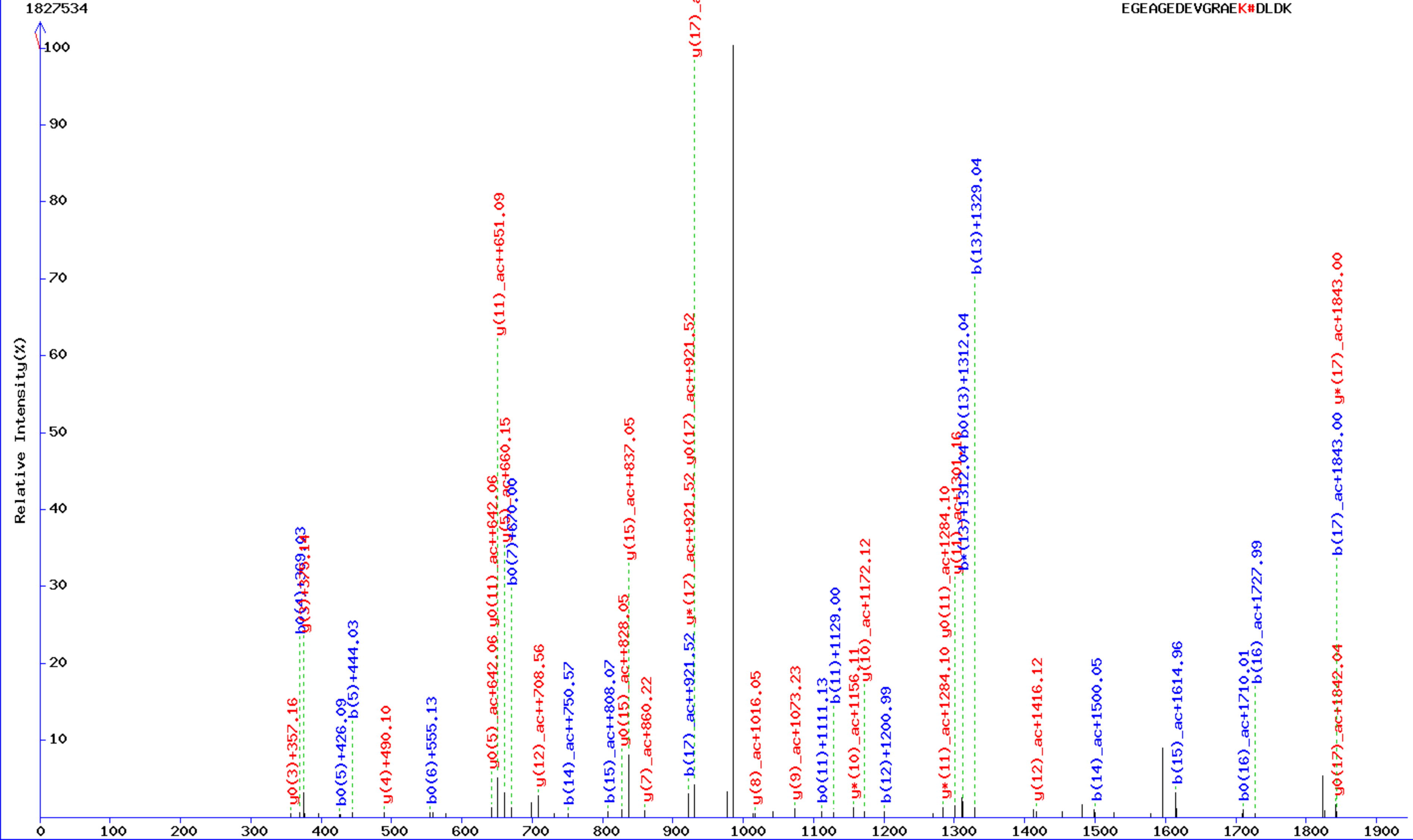
# gi|148663668 MRA\_3840 polyketide synthase

DVVEK#EPEPEPEPK



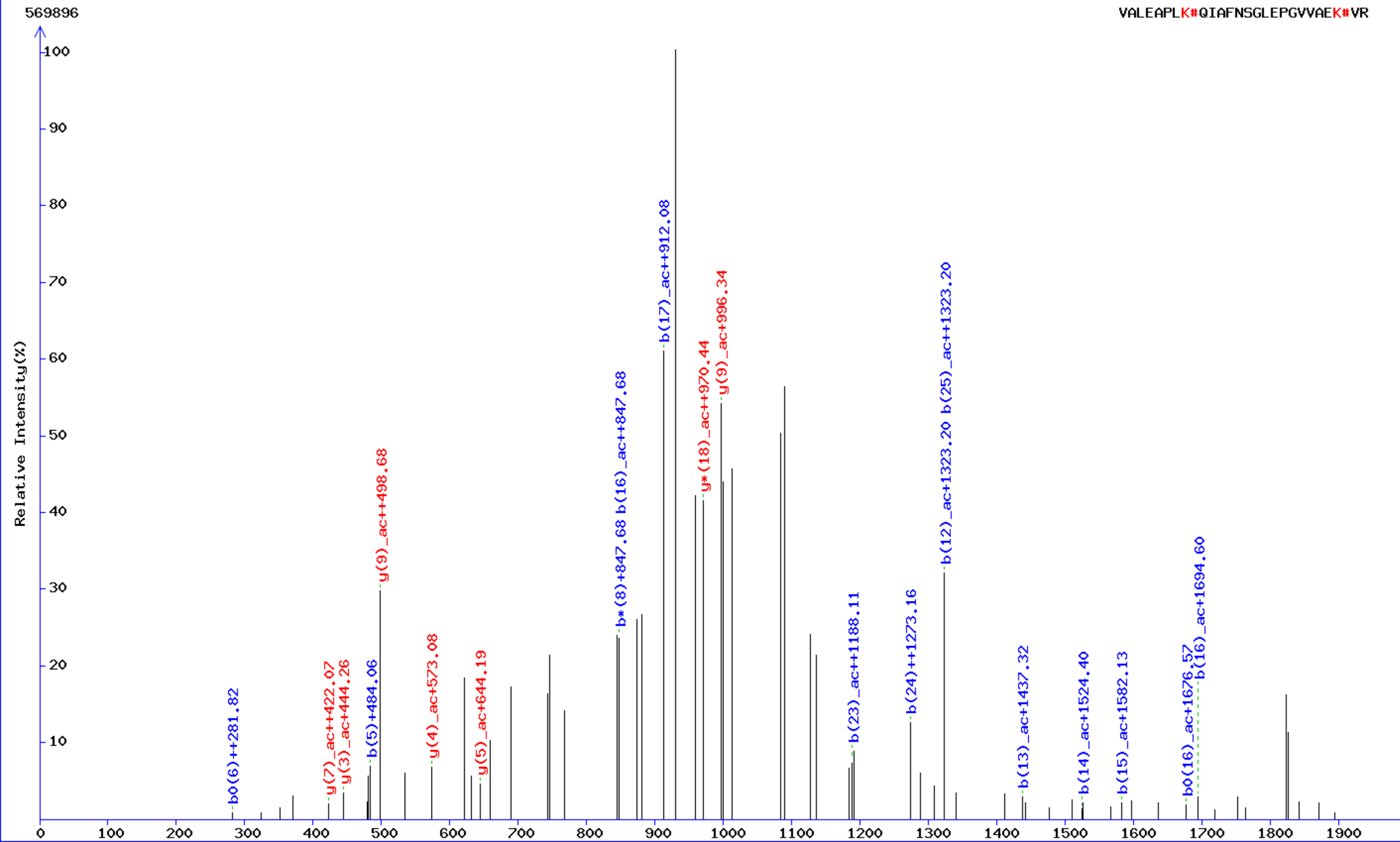
# gi|148662726 MRA\_2907 ribosome recycling factor

EGEAGEDEVGRAEK#DLDK



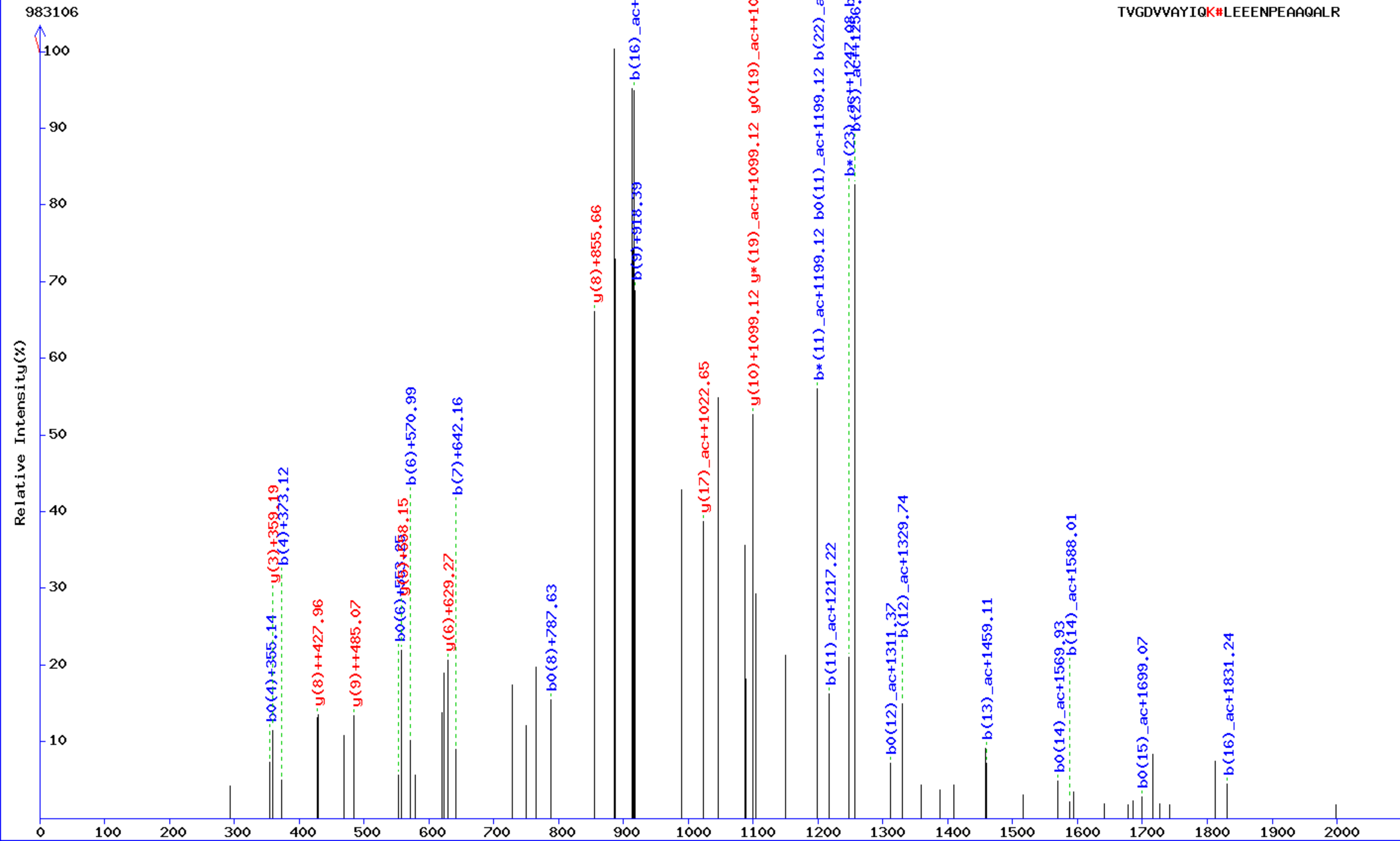
# gi|148660205 MRA\_0445 molecular chaperone GroEL

VALEAPLK#QIAFNSGLEPGVVAEK#VR



gi|148662065 MRA\_2264 acyl carrier protein

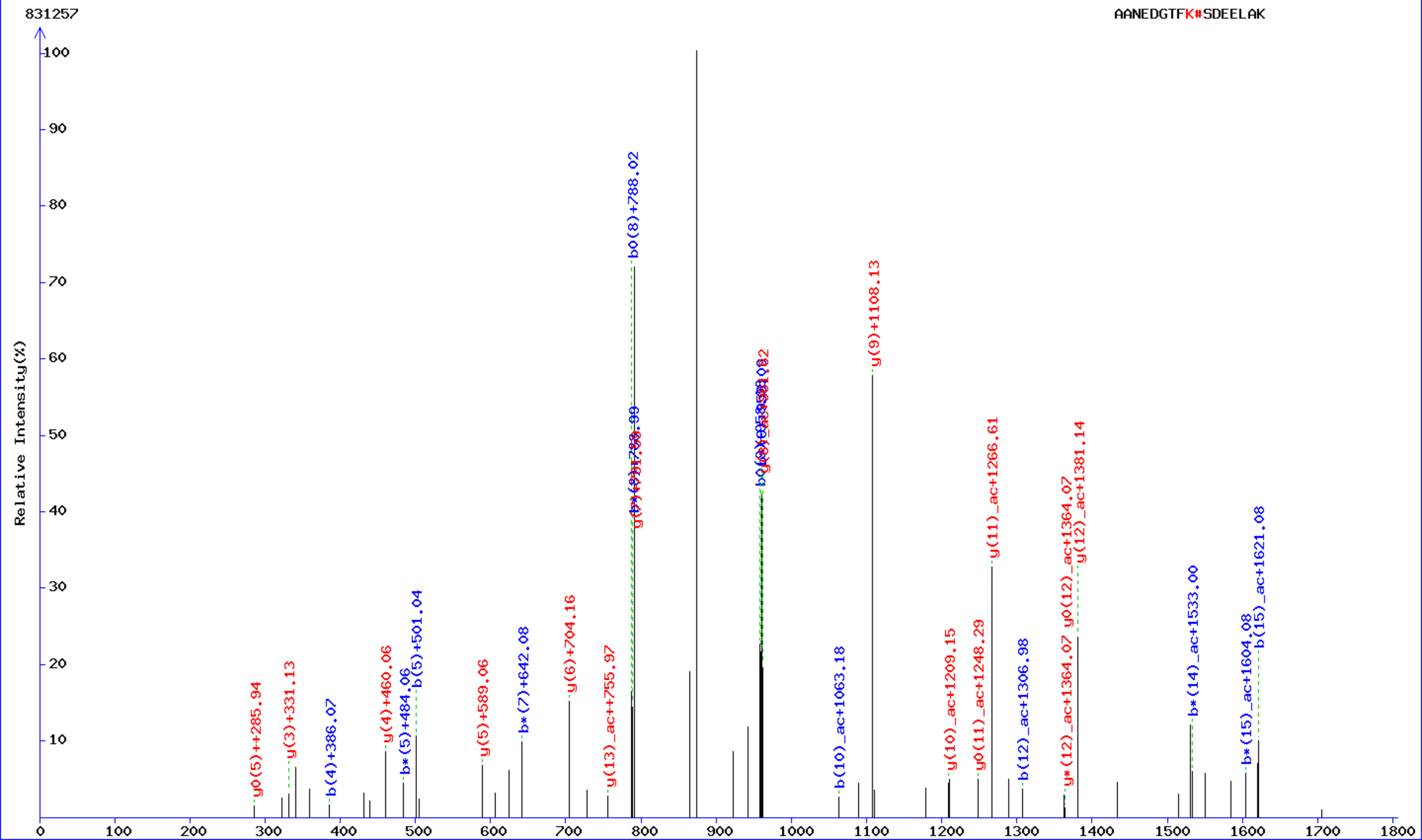
TVGDVVAYIQK#LEEENPEAAGLR





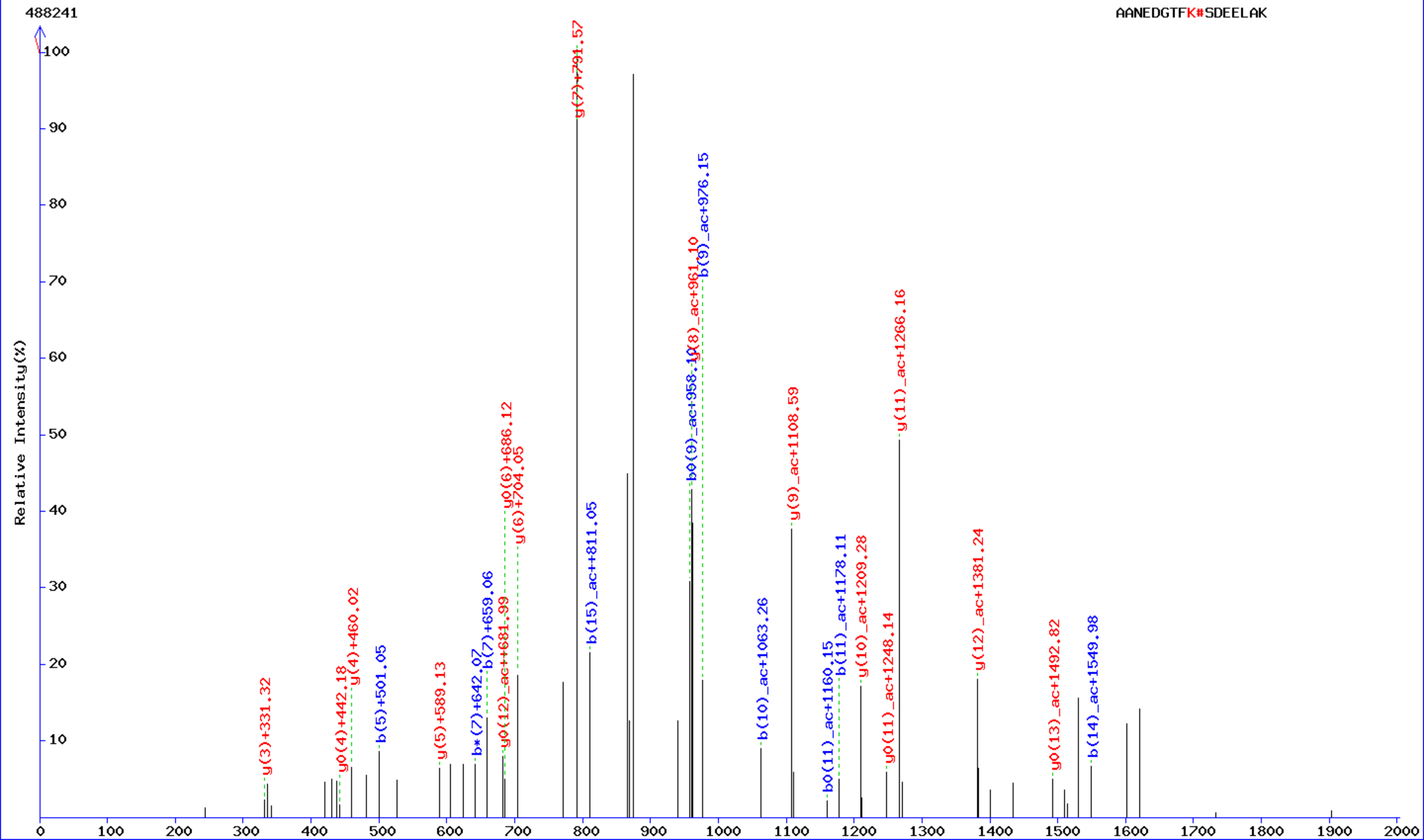
# gi|148660593 MRA\_0825 thiosulfate sulfurtransferase CysA2

AANEDGTFK#SDEELAK



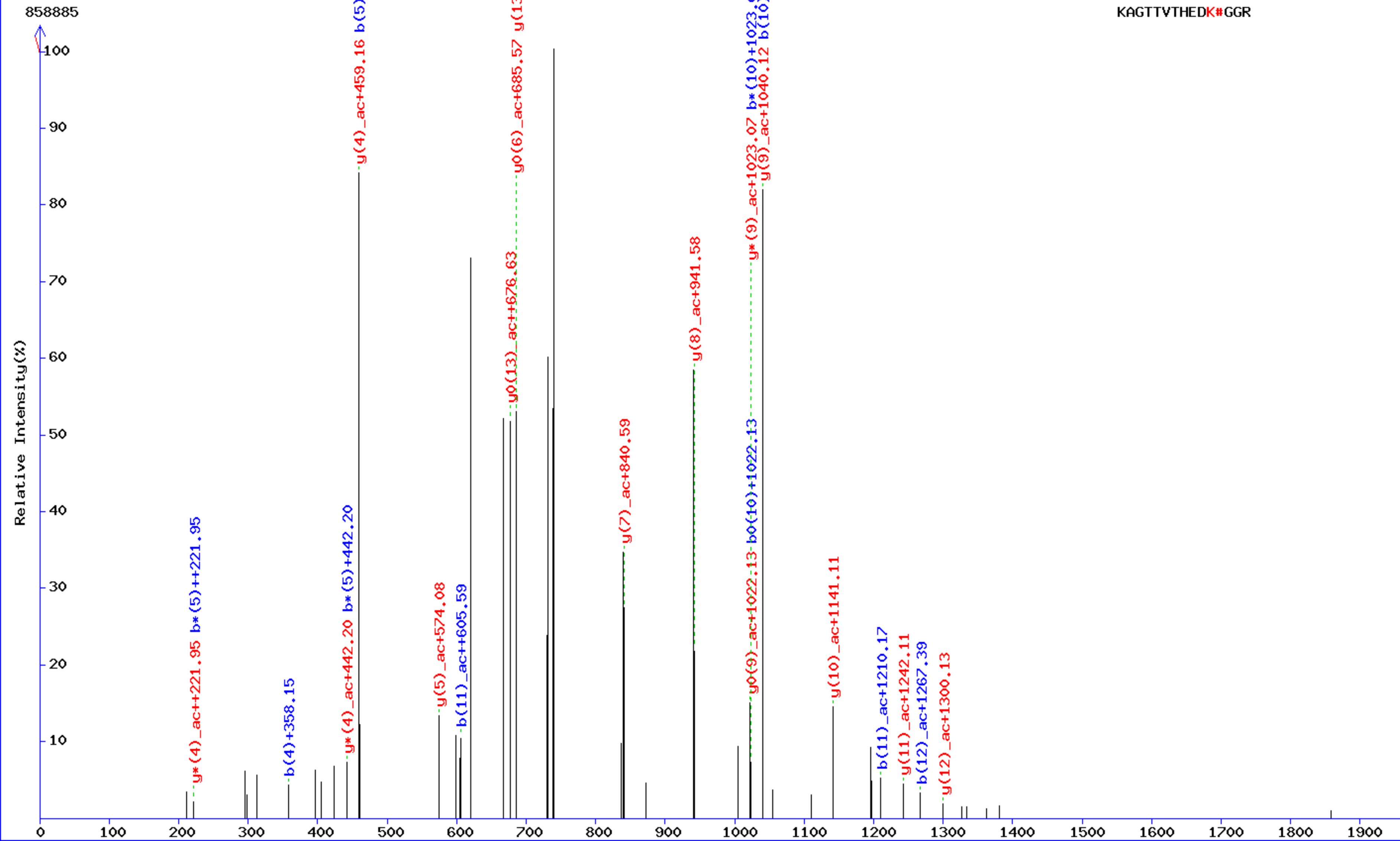
# gi|148662971 MRA\_3149 thiosulfate sulfurtransferase CysA3

AANEDGTFK#SDEELAK

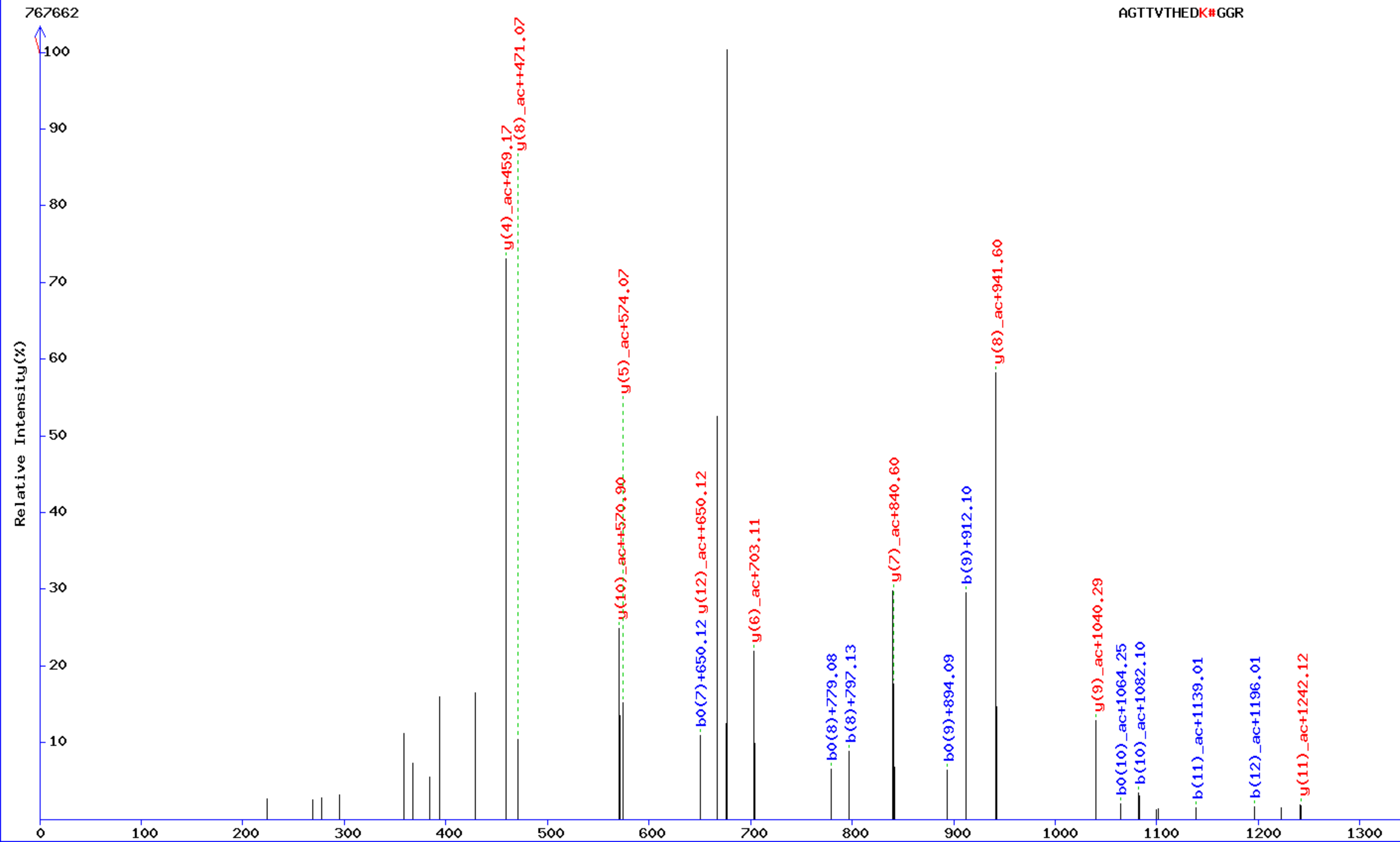


gi|148660731 MRA\_0959 succinyl-CoA synthetase subunit alpha

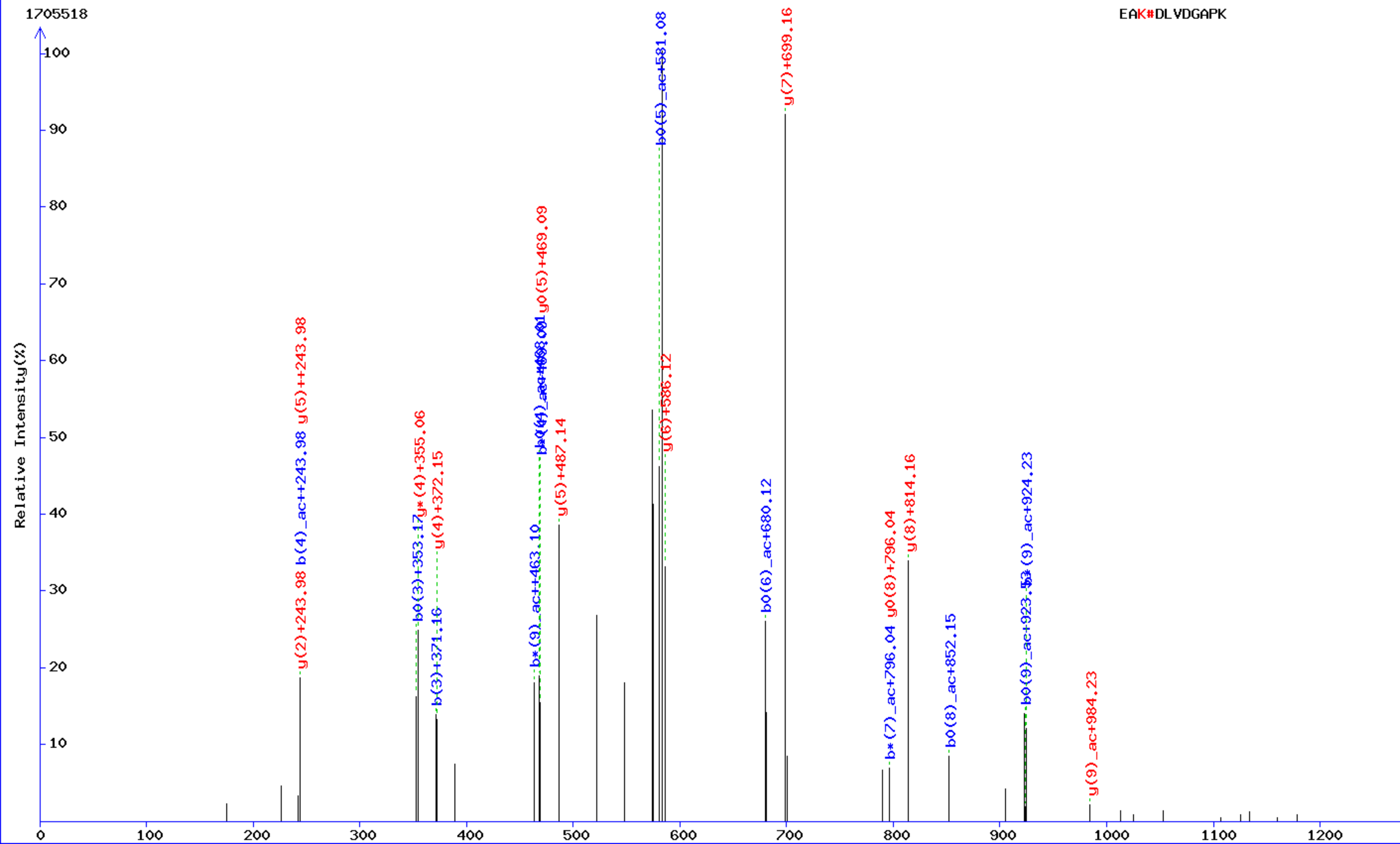
KAGTTVTHEDK#GGR



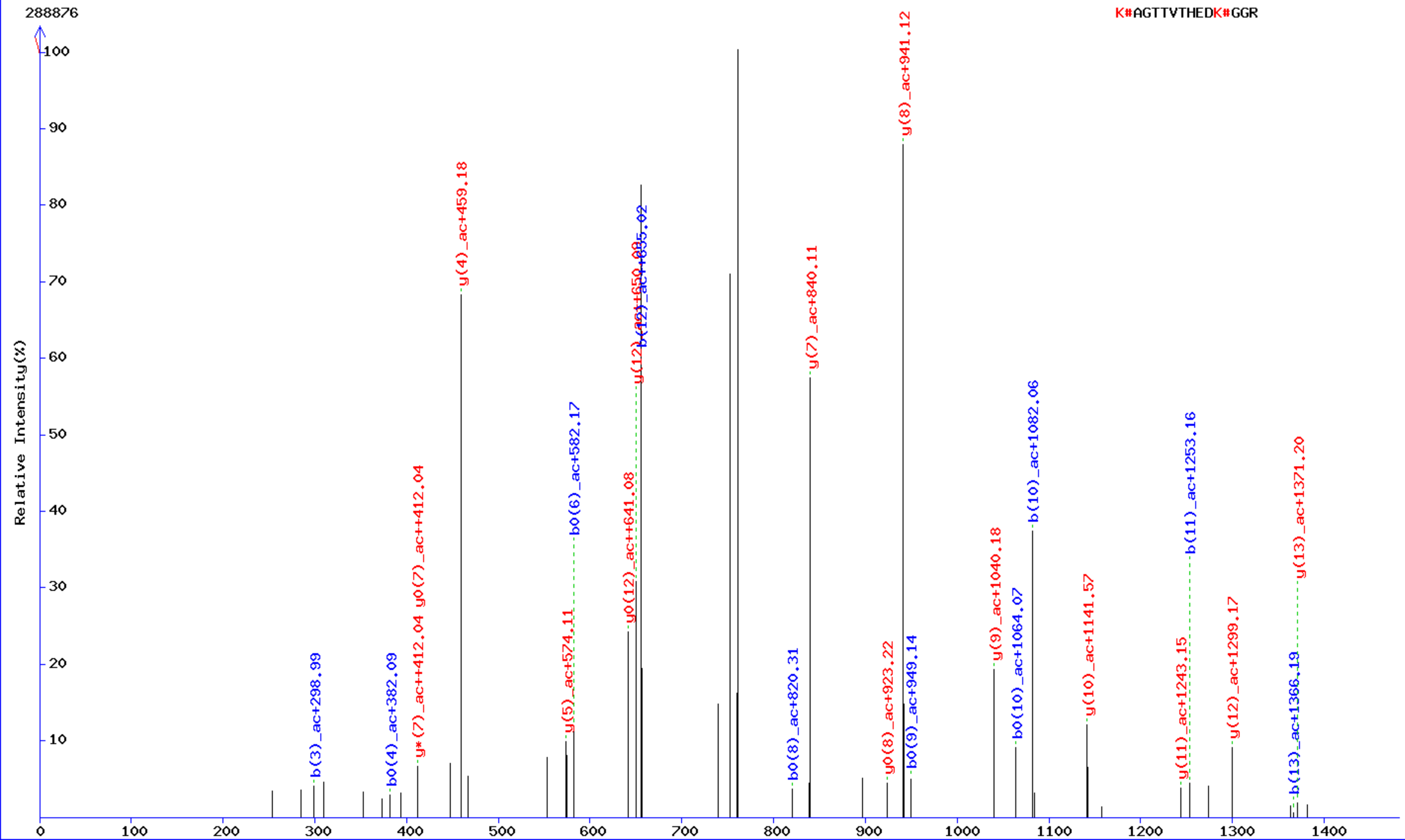
# gi|148660731 MRA\_0959 succinyl-CoA synthetase subunit alpha



gi|148660426 MRA\_0663 50S ribosomal protein L7/L12

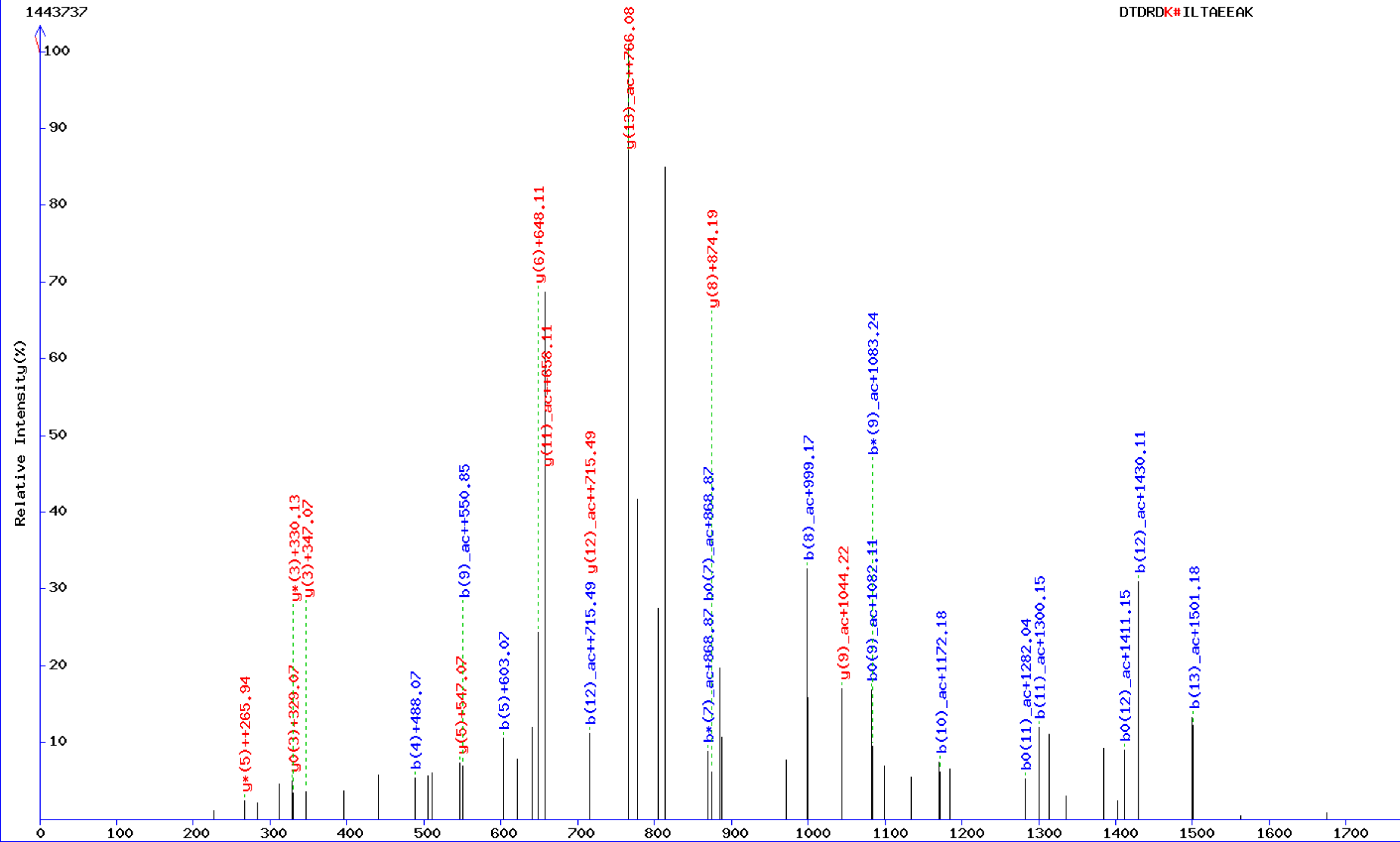


gi|148660731 MRA\_0959 succinyl-CoA synthetase subunit alpha

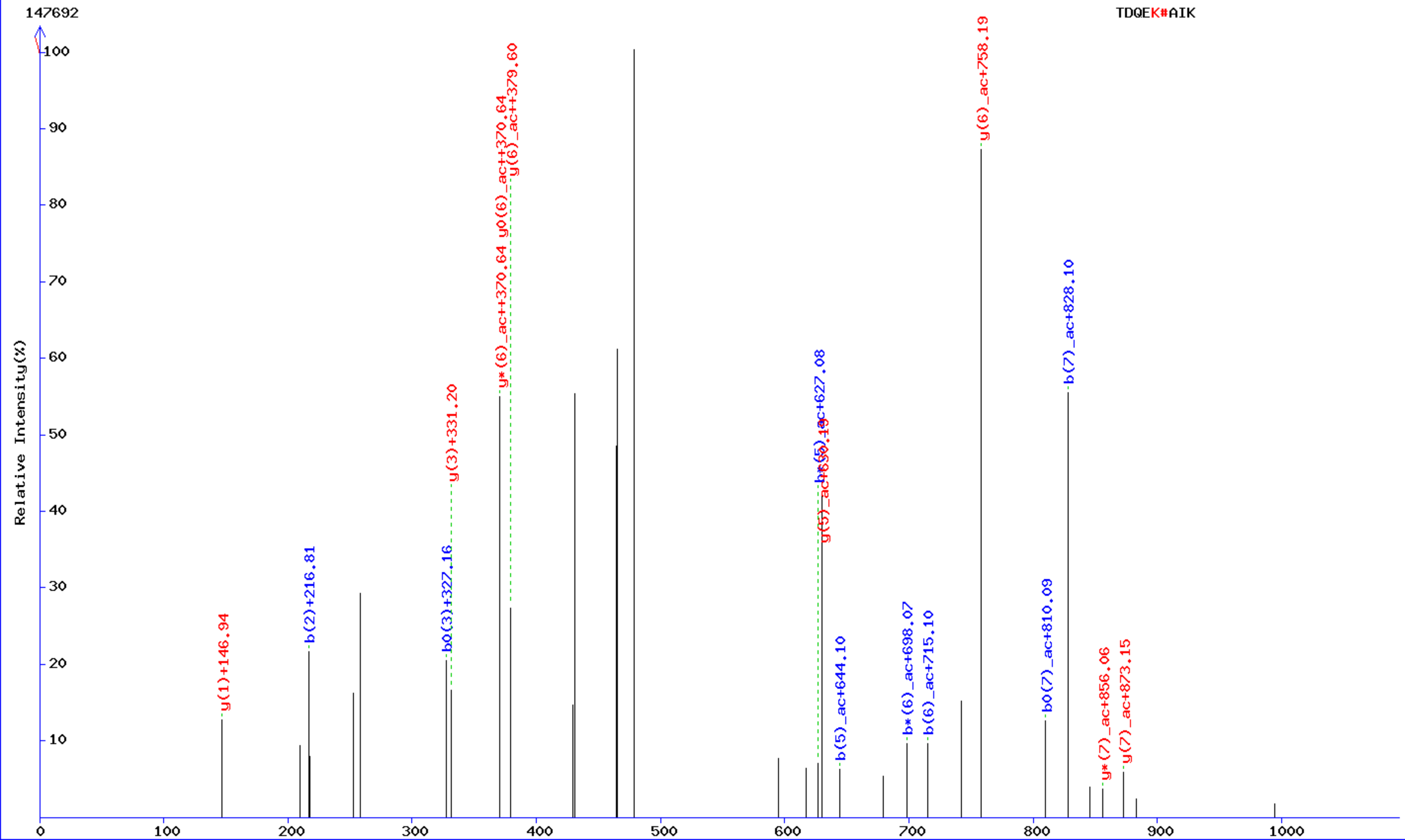


# gi|148662295 MRA\_2486 ATP-dependent Clp protease proteolytic subunit

DTDRD**K**ILTAEAK



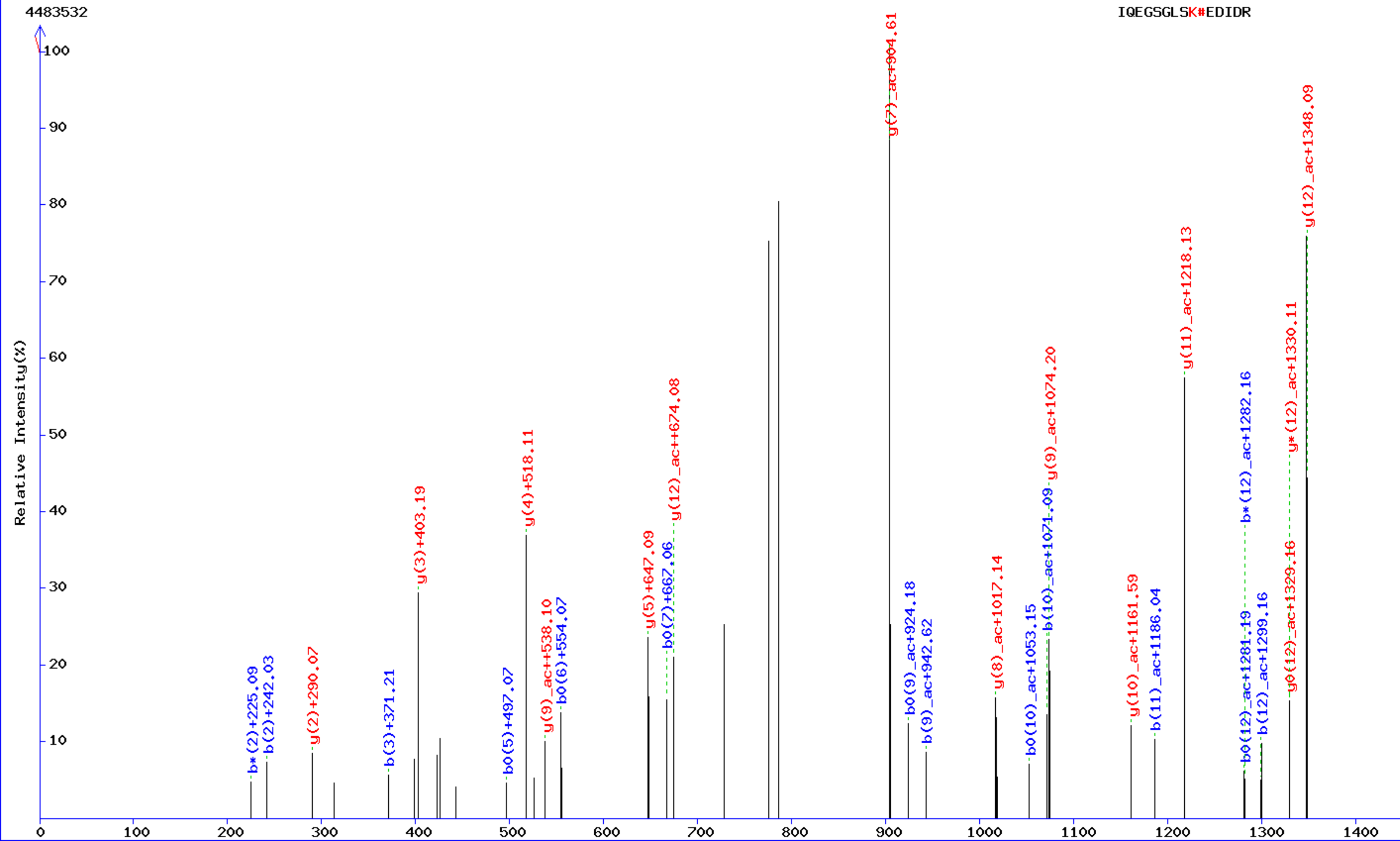
# gi|148659826 MRA\_0068 isocitrate dehydrogenase (NADP) Icd2



TDQEK#AIK



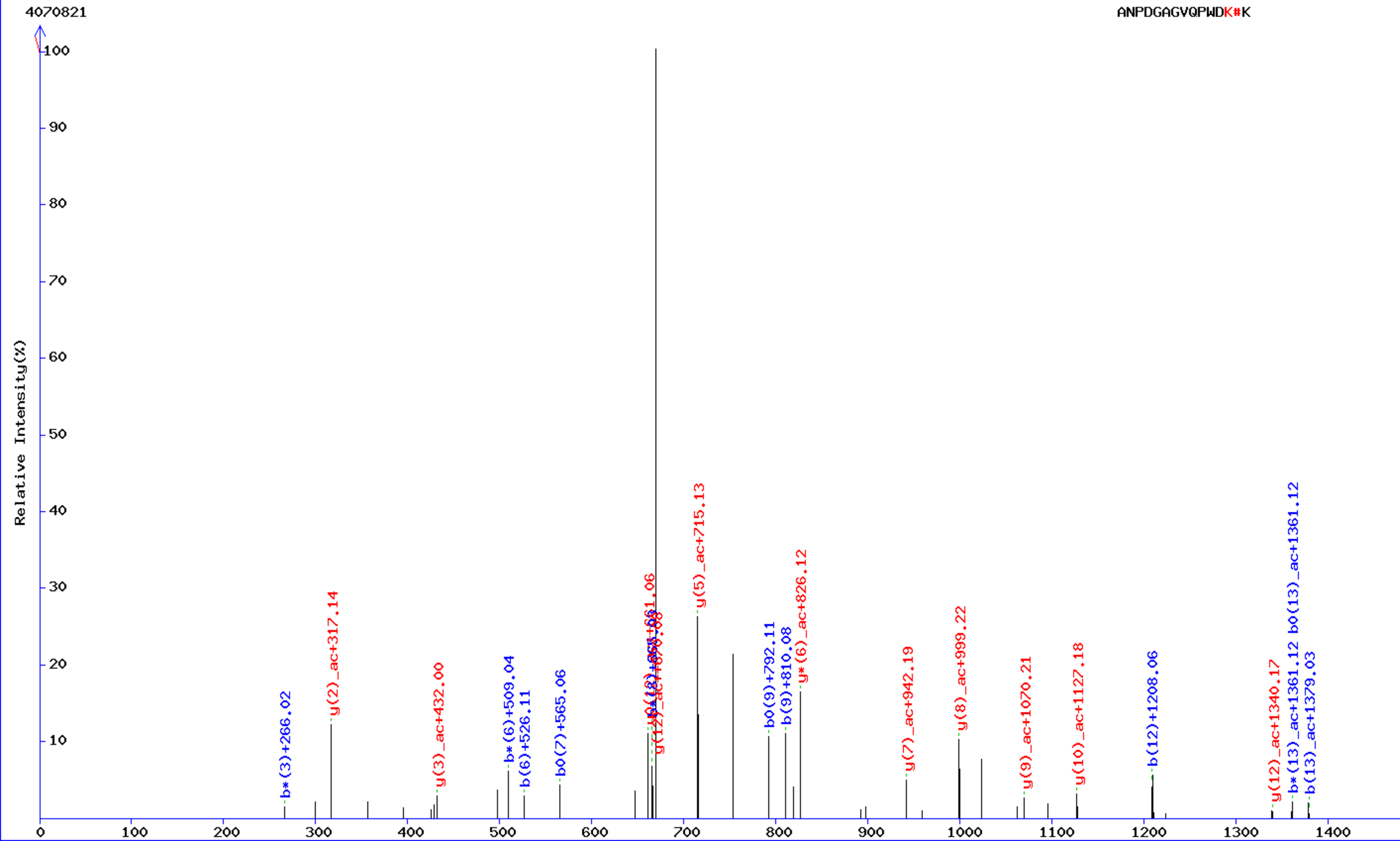
# gi|148660116 MRA\_0359 molecular chaperone DnaK



IQEGSGLSK#EDIDR

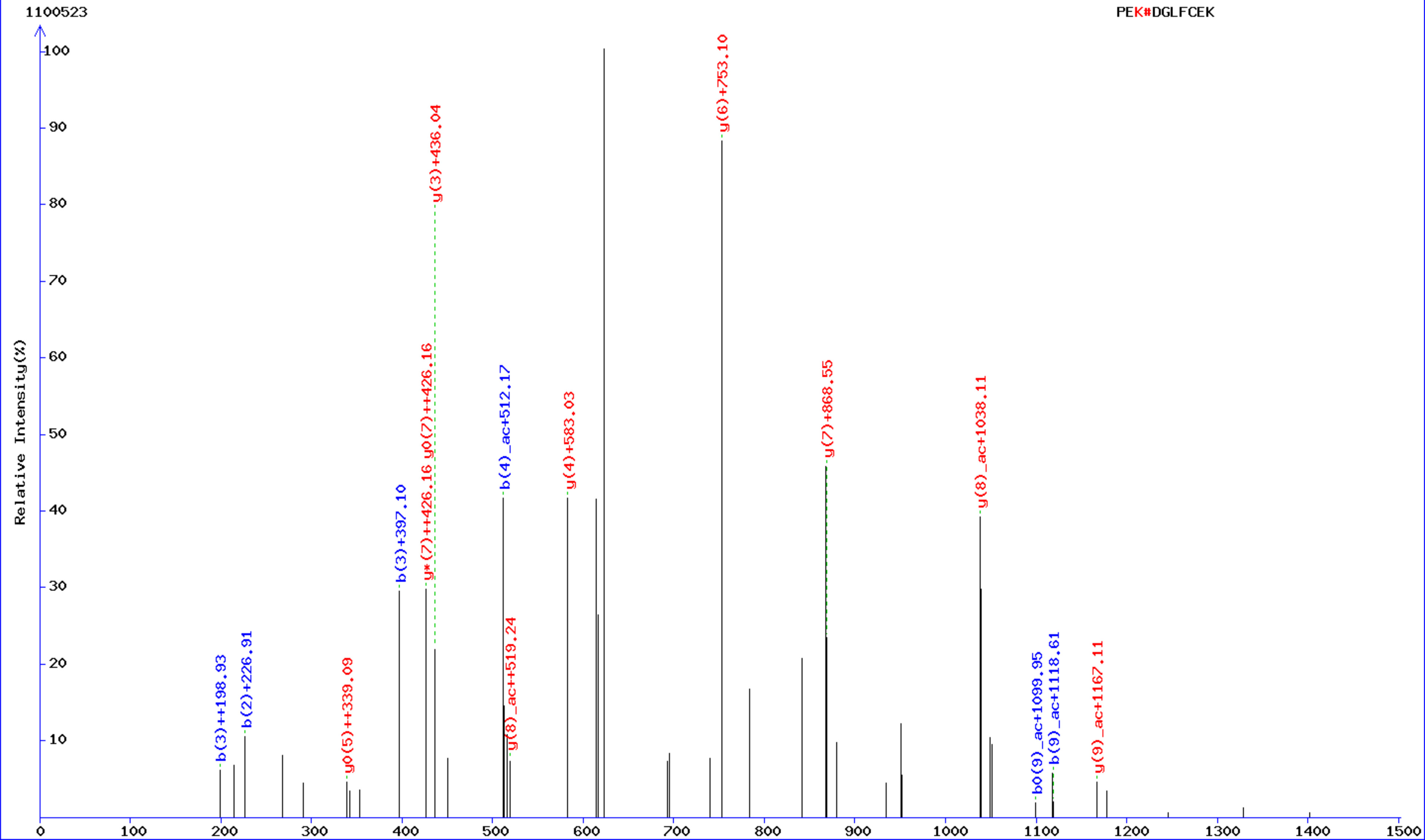
# gi|148660637 MRA\_0868 fatty oxidation complex subunit alpha

ANPDGAGVQPWDK#K

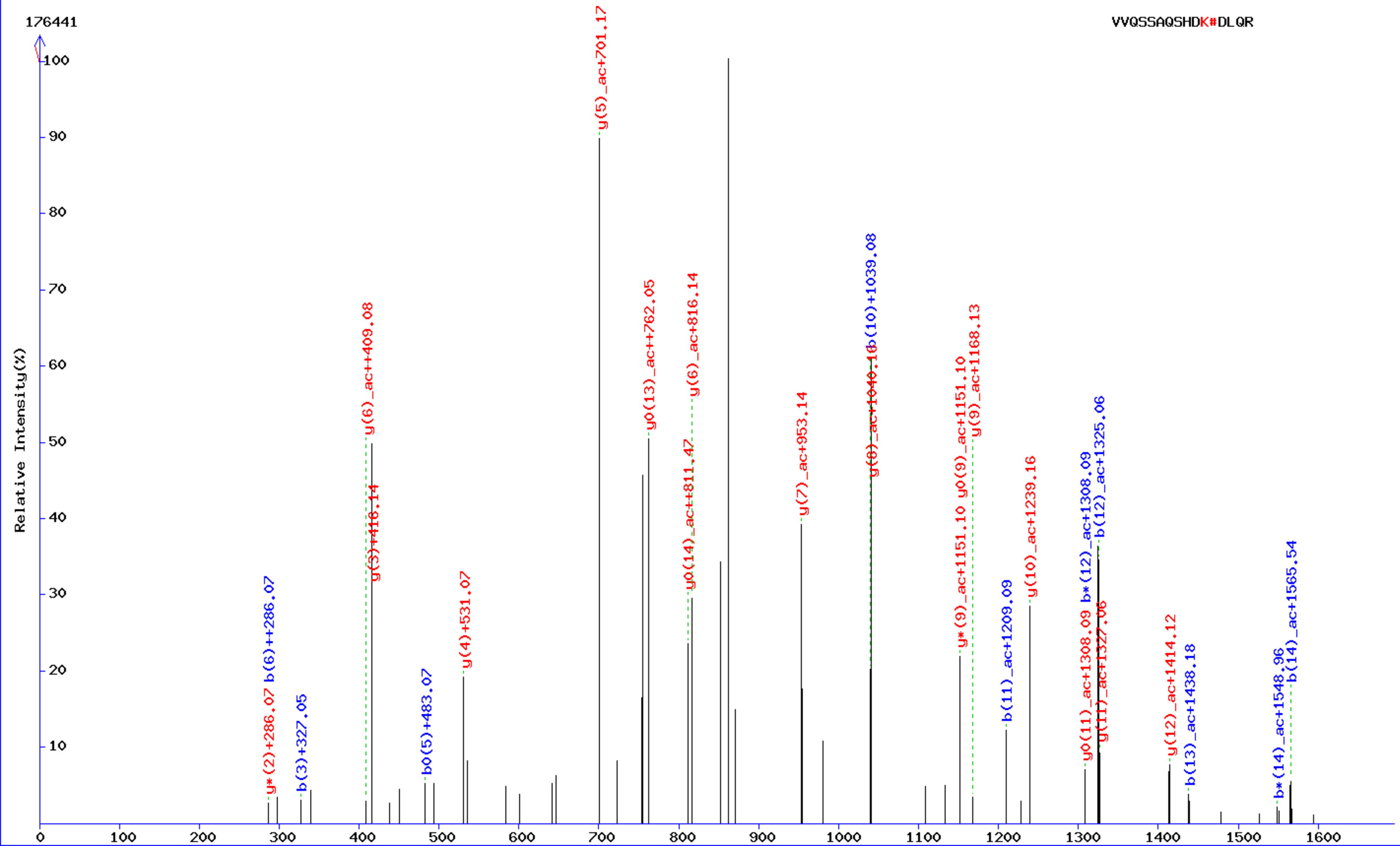


# gi|148660442 MRA\_0677 DNA-directed RNA polymerase subunit beta'

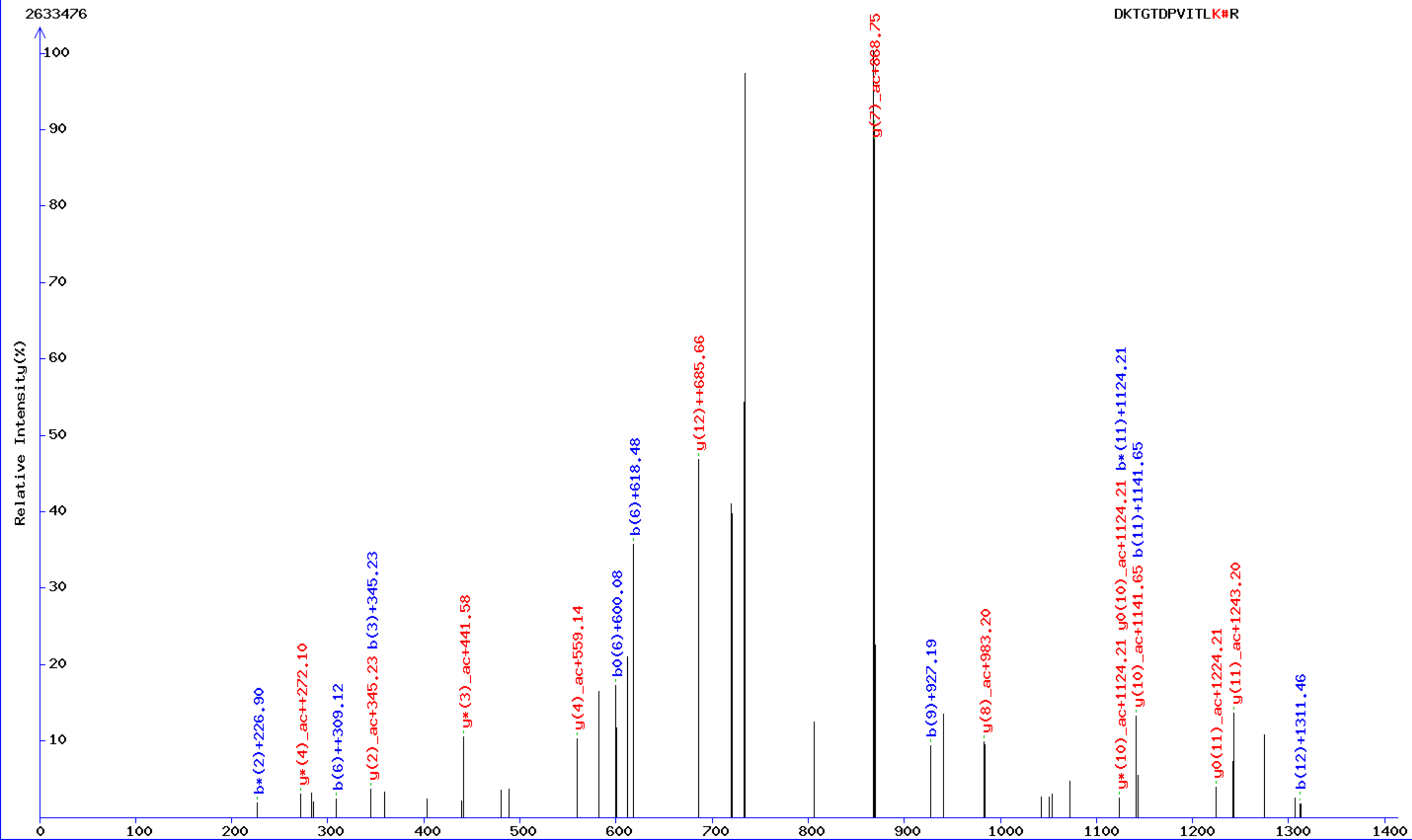
PEK#DGLFCEK



# gi|148660204 MRA\_0444 short chain dehydrogenase

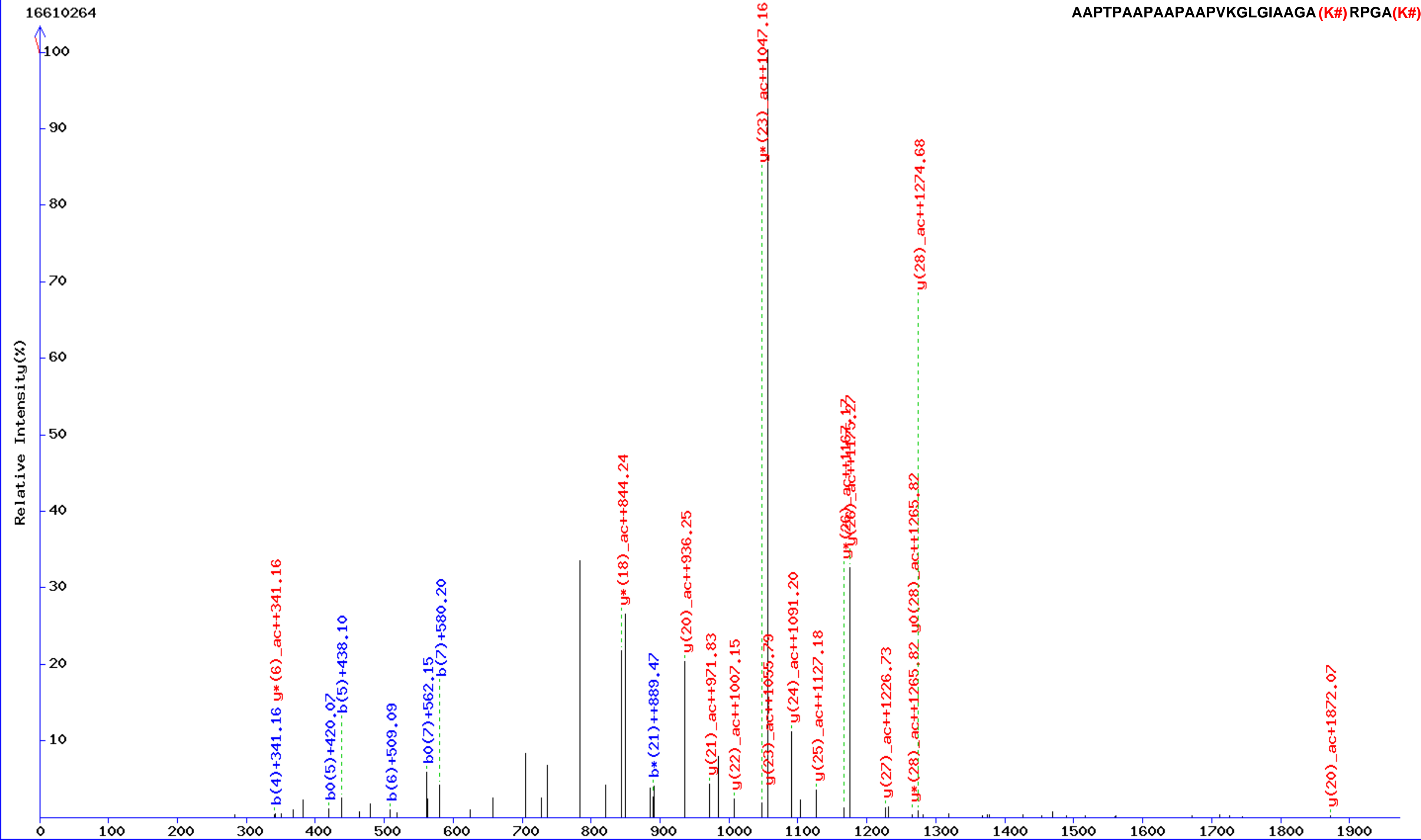


# gi|148660458 MRA\_0692 30S ribosomal protein S7



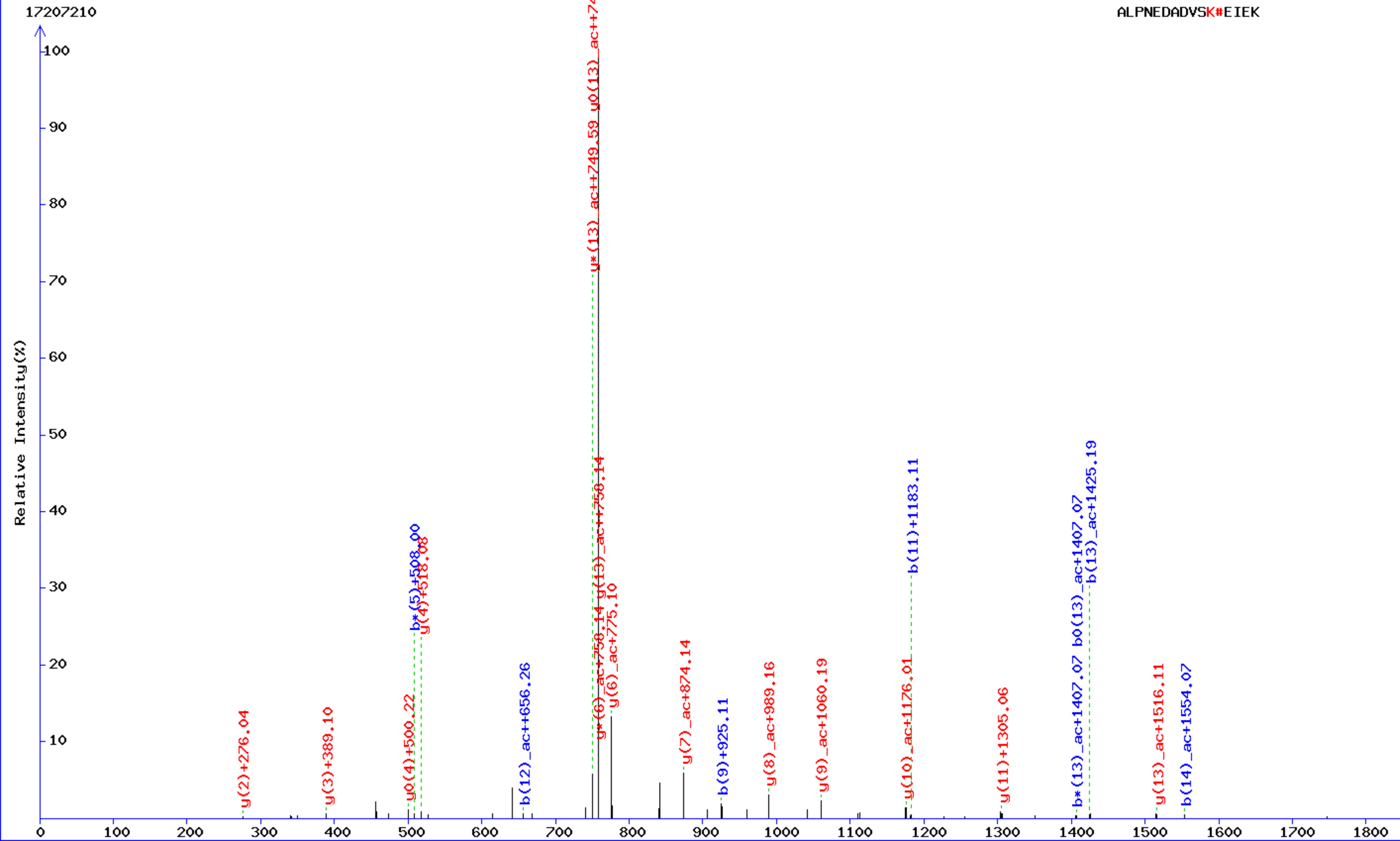
# gi|148660104 MRA\_0347 iron-sulfur-binding reductase

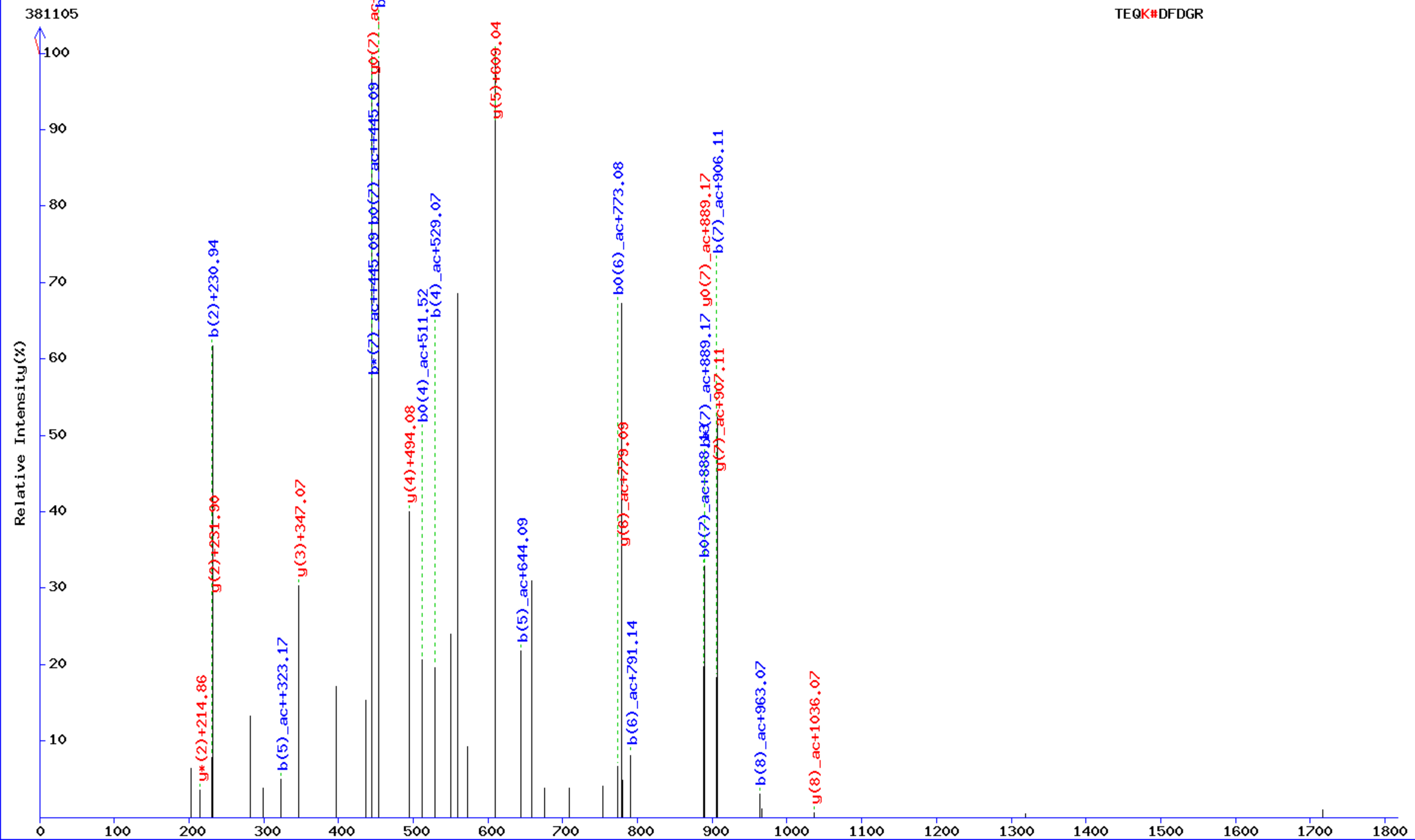
AAPTPAAPAAPVKGLGIAAGA (K#) RPGA(K#)



# gi|148660228 MRA\_0468 dihydrolipoamide dehydrogenase

ALPNEDADVSK#EIEK

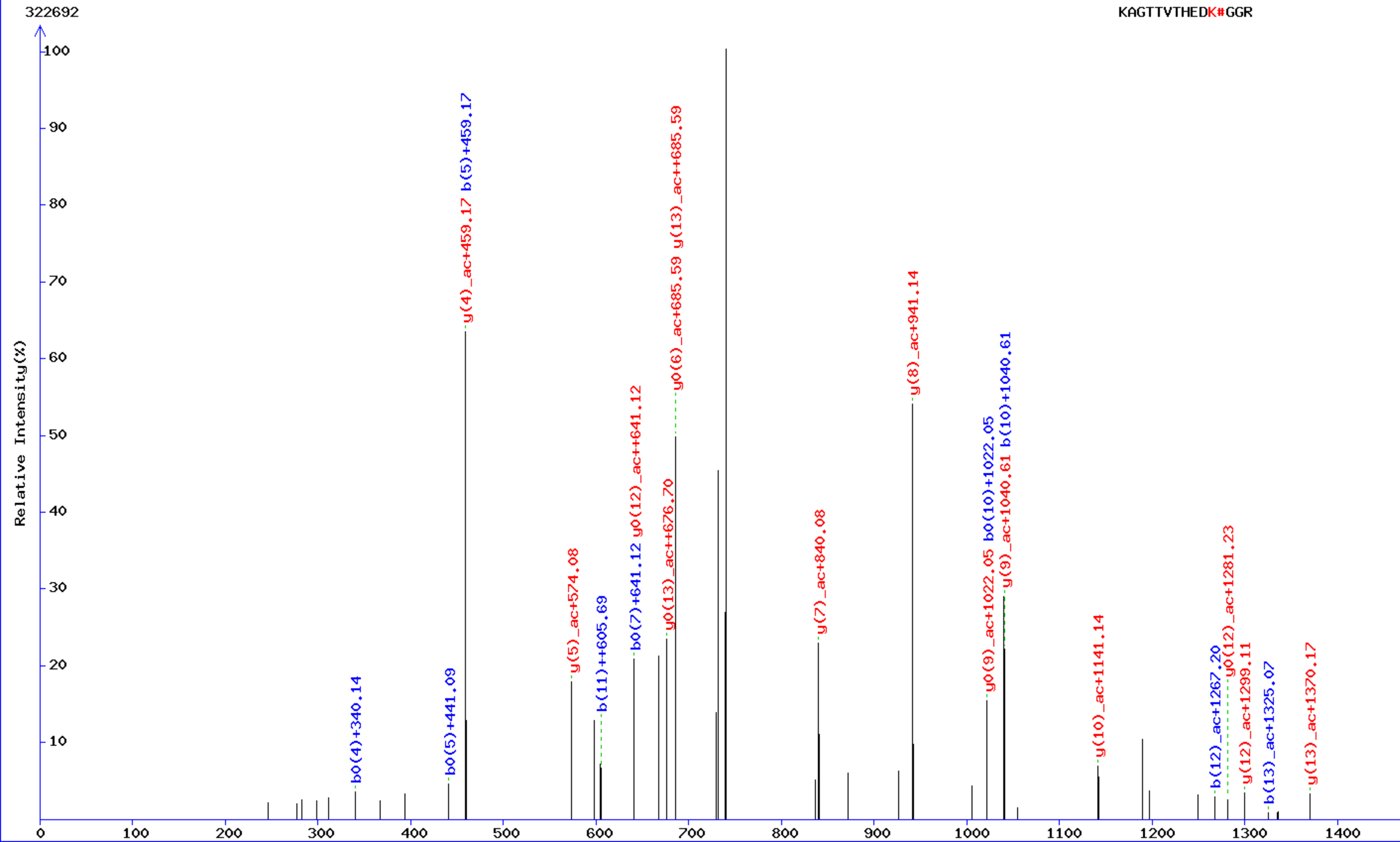




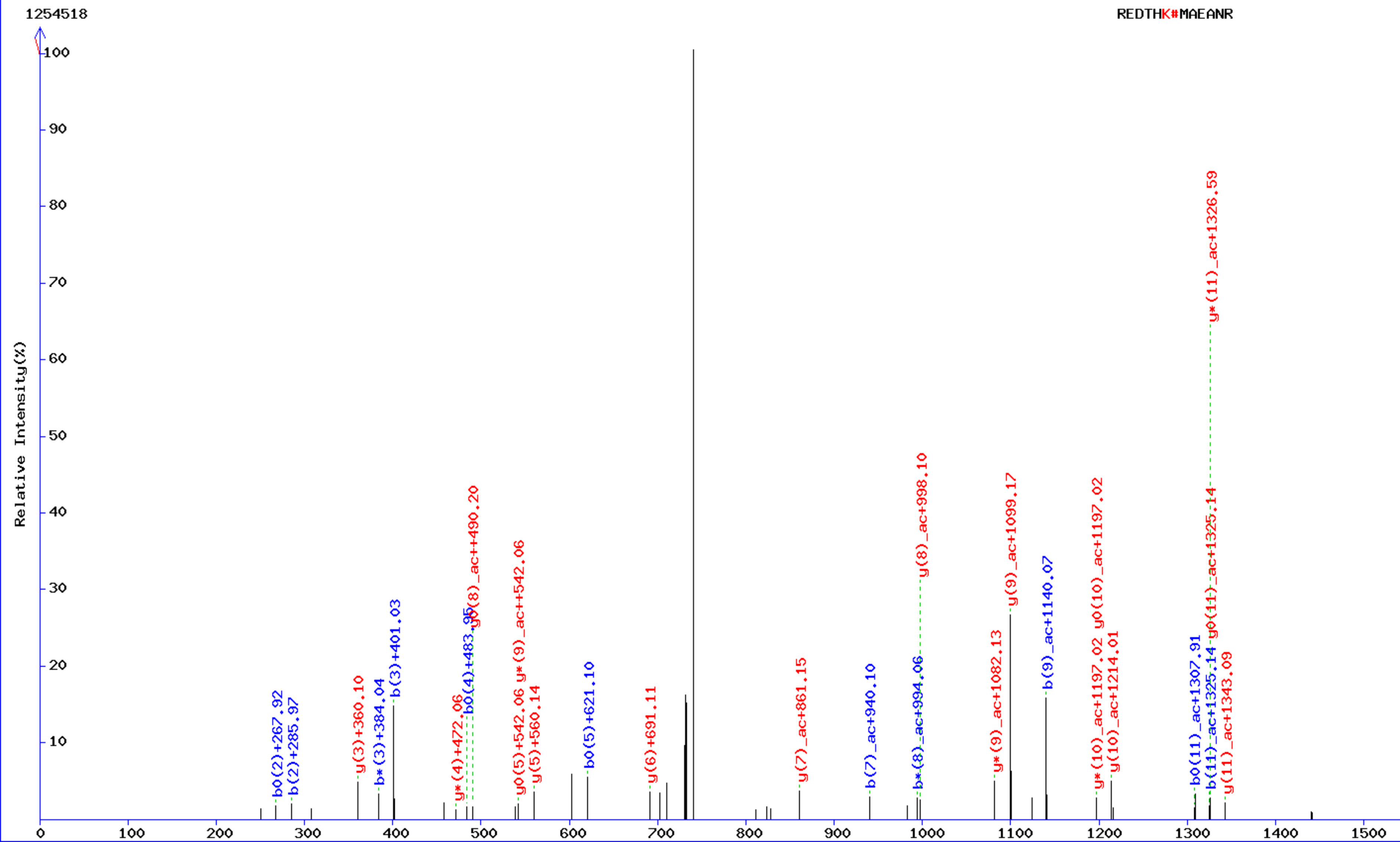


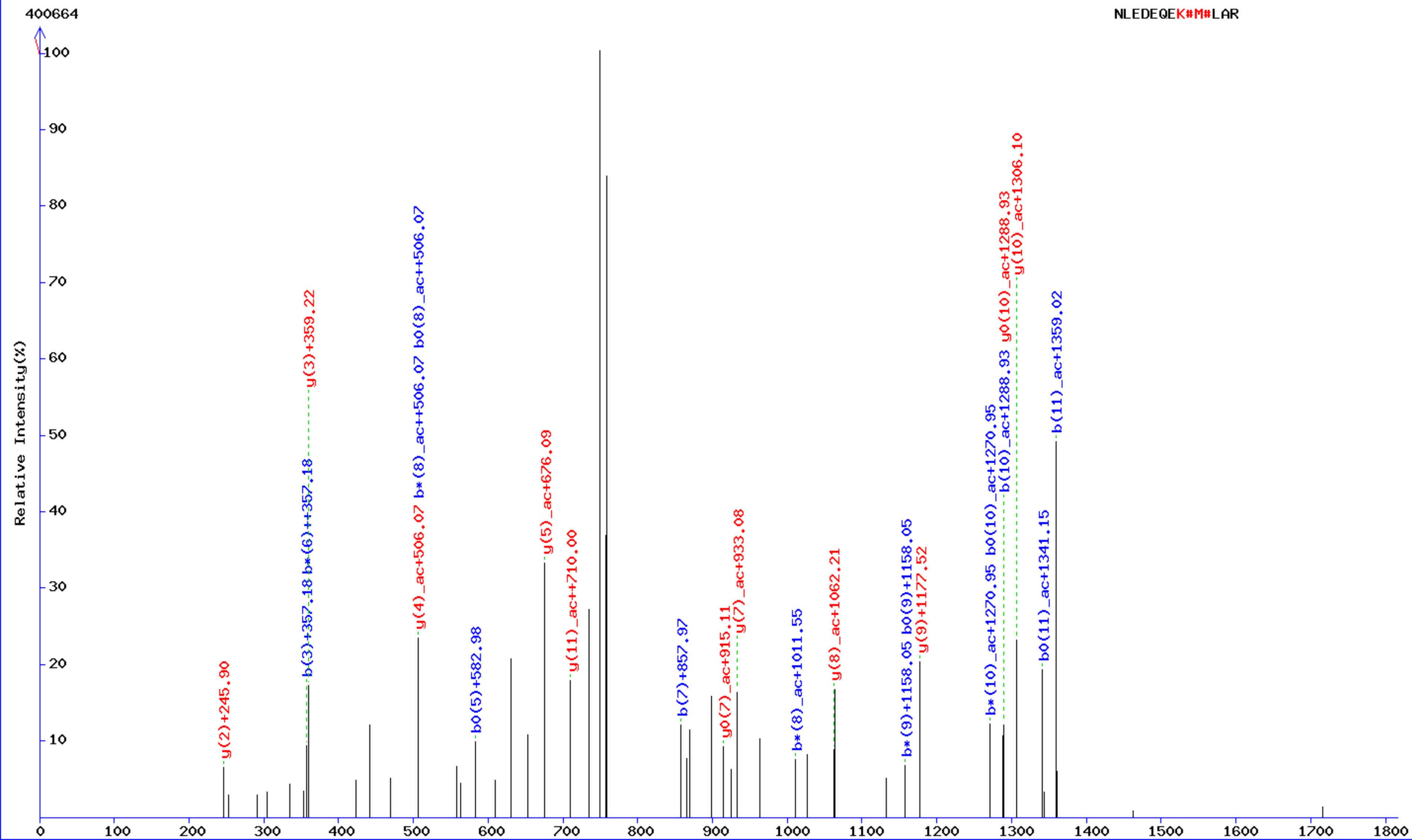
# gi|148660731 MRA\_0959 succinyl-CoA synthetase subunit alpha

KAGTTVTHEDK#GGR



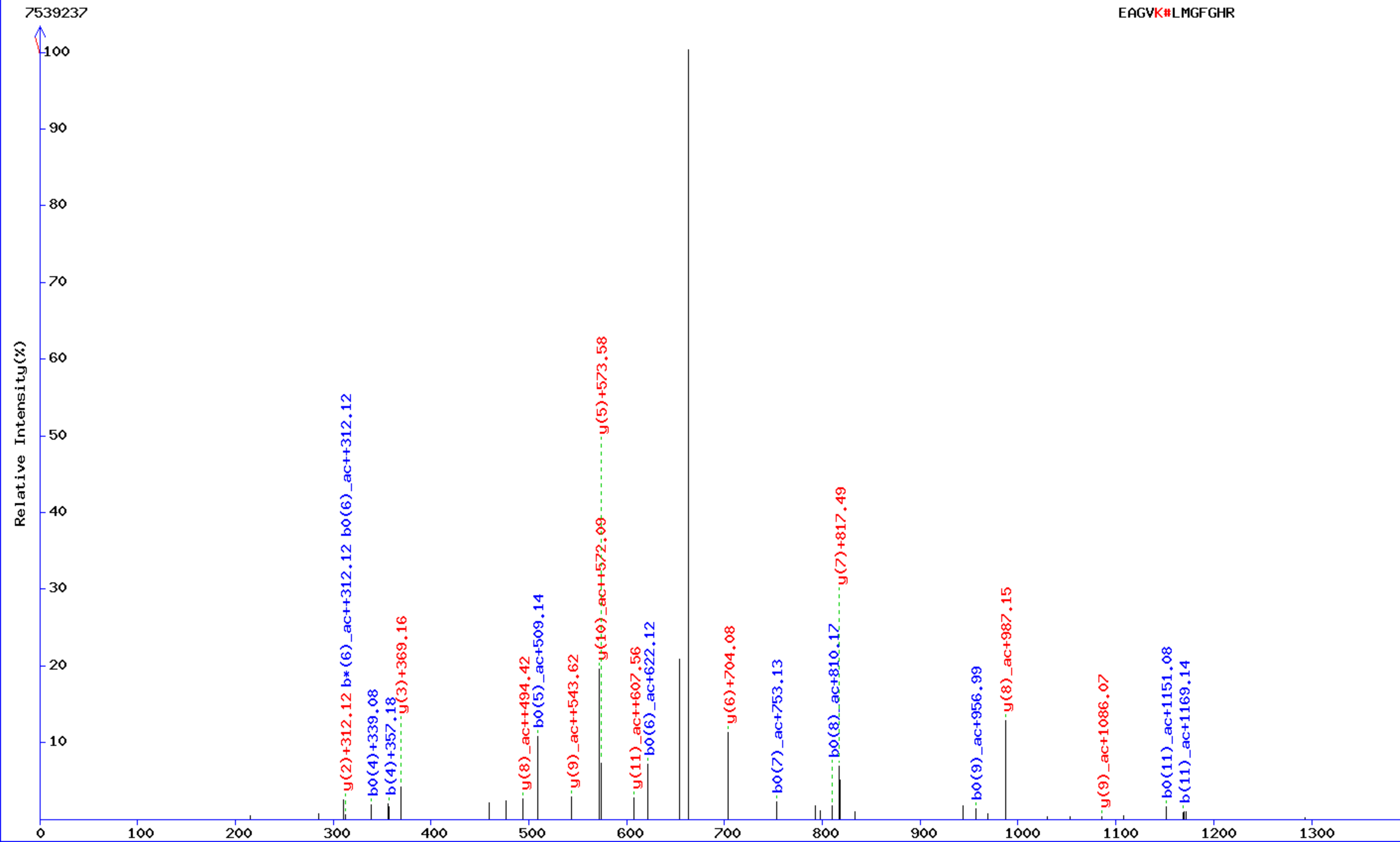
# gi|148660458 MRA\_0692 30S ribosomal protein S7

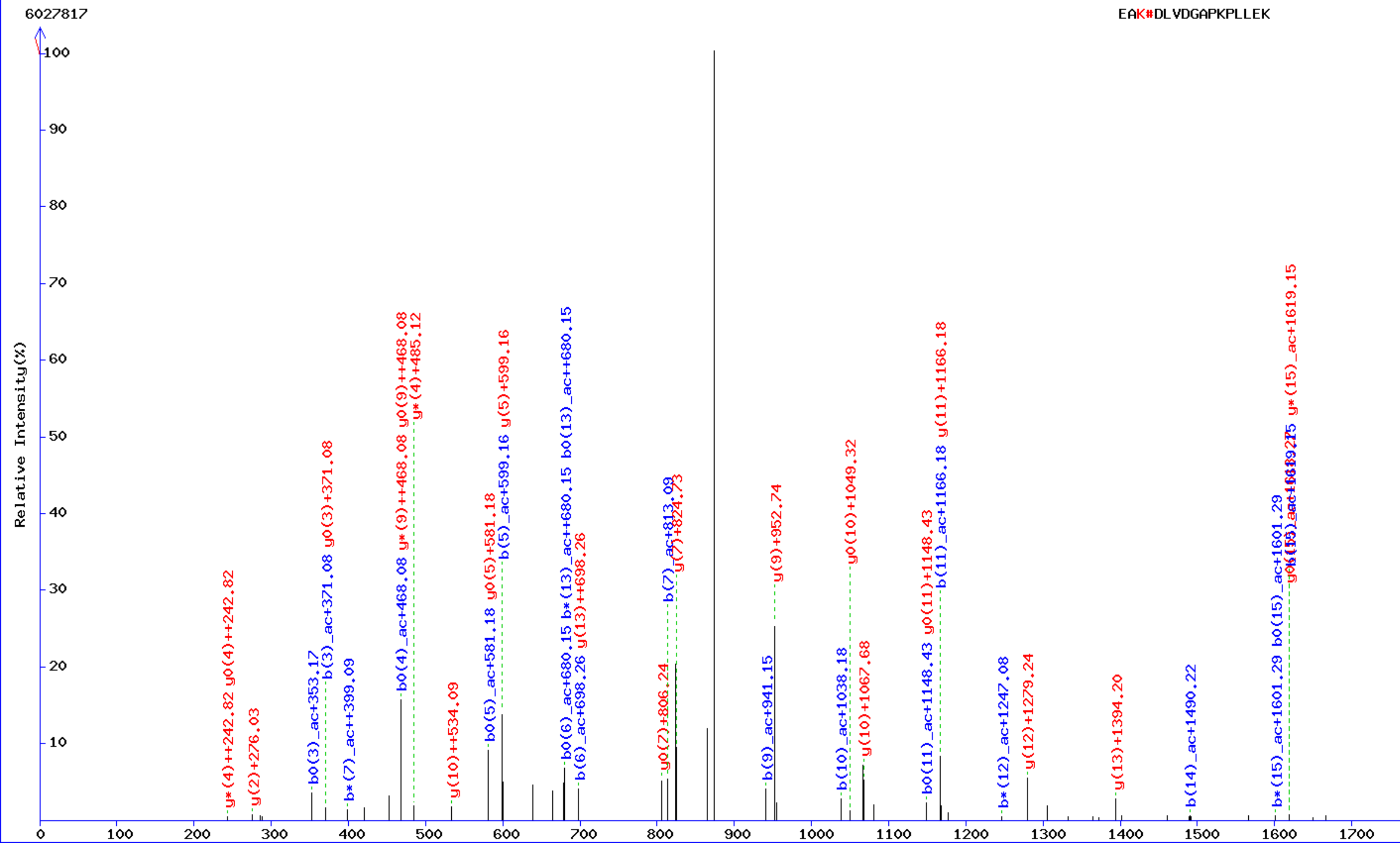




# gi|148660674 MRA\_0904 type II citrate synthase

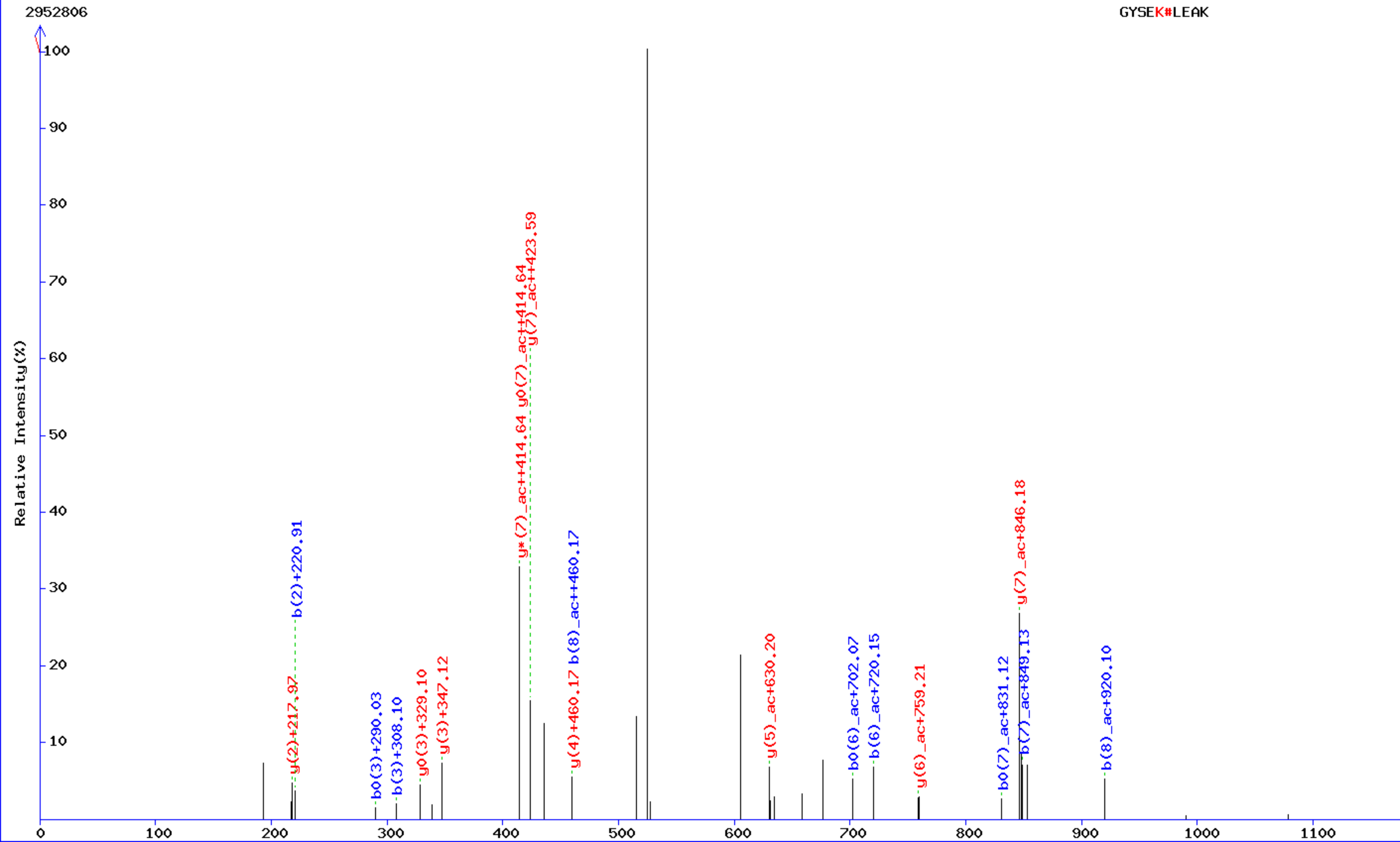
EAGVK#LMGFGHR



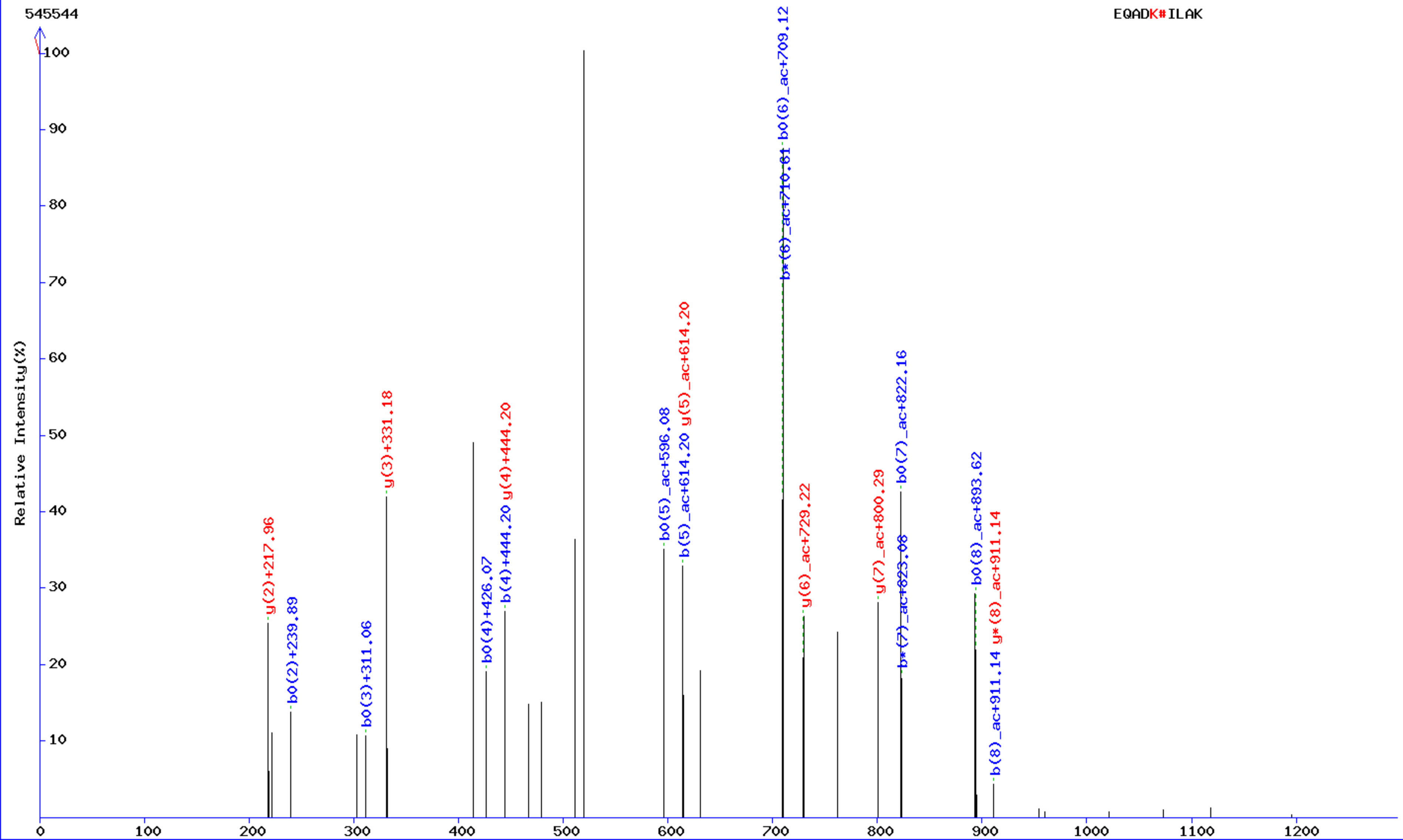


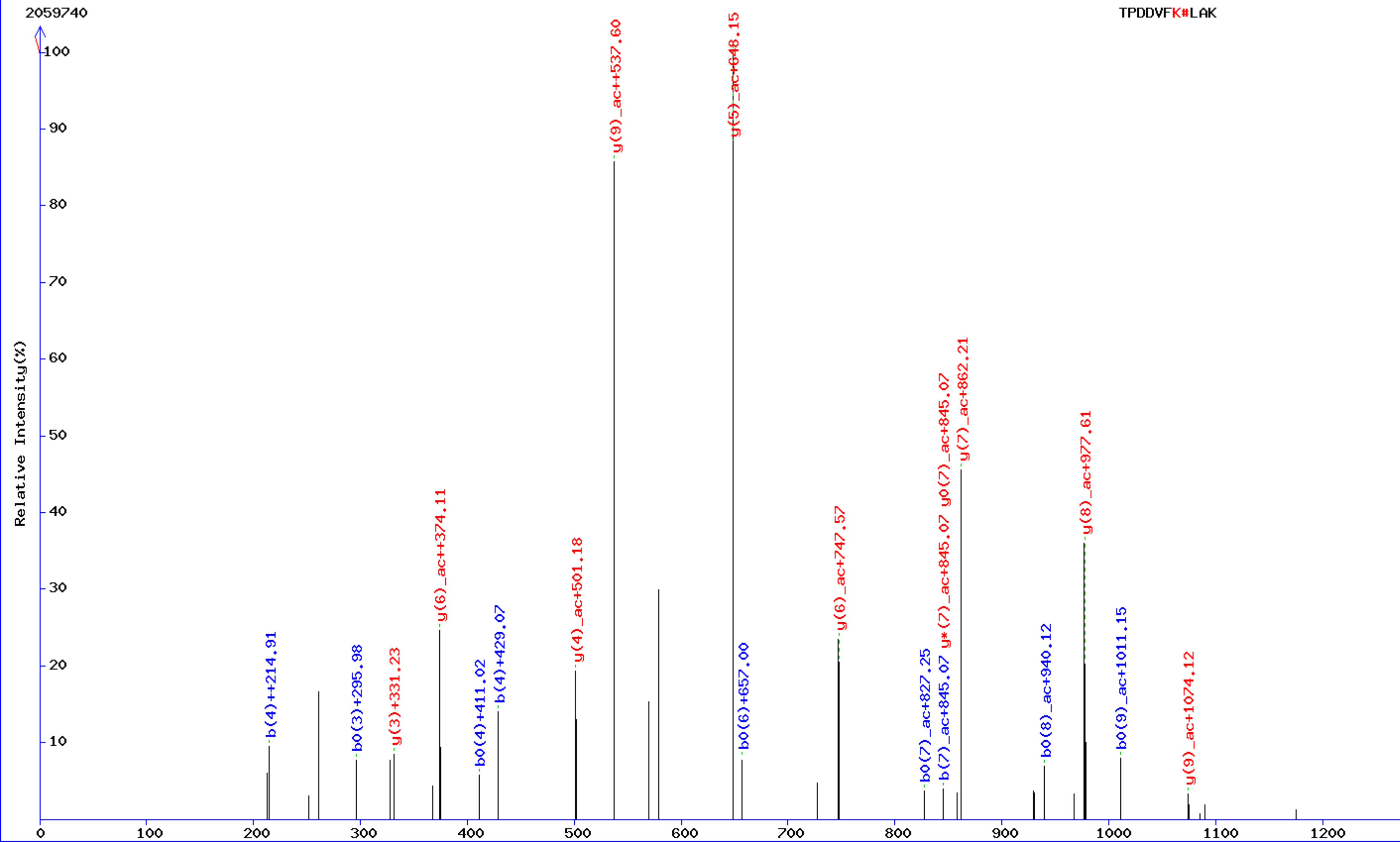
# gi|148660637 MRA\_0868 fatty oxidation complex subunit alpha

GYSEK#LEAK



# gi|148660674 MRA\_0904 type II citrate synthase

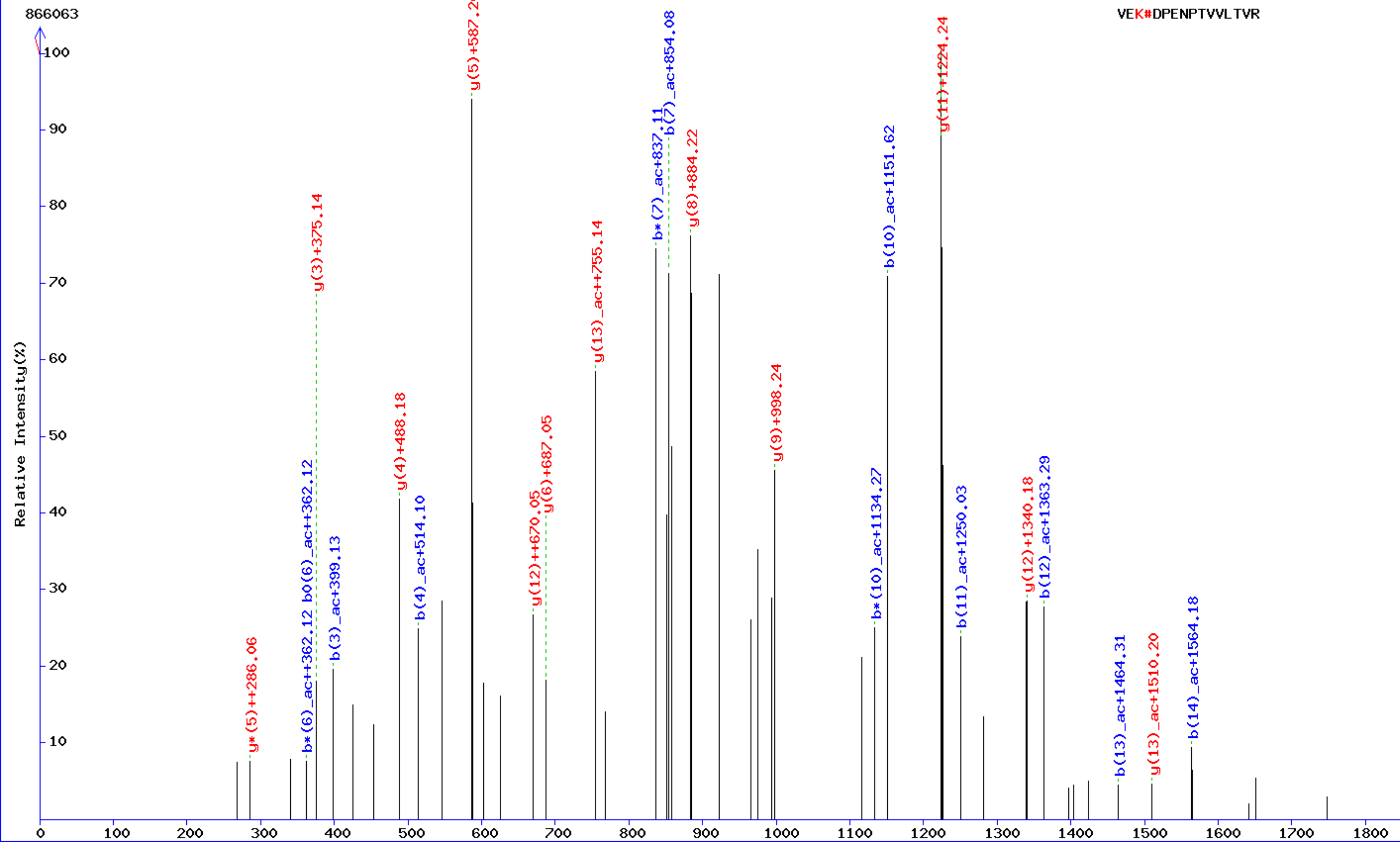




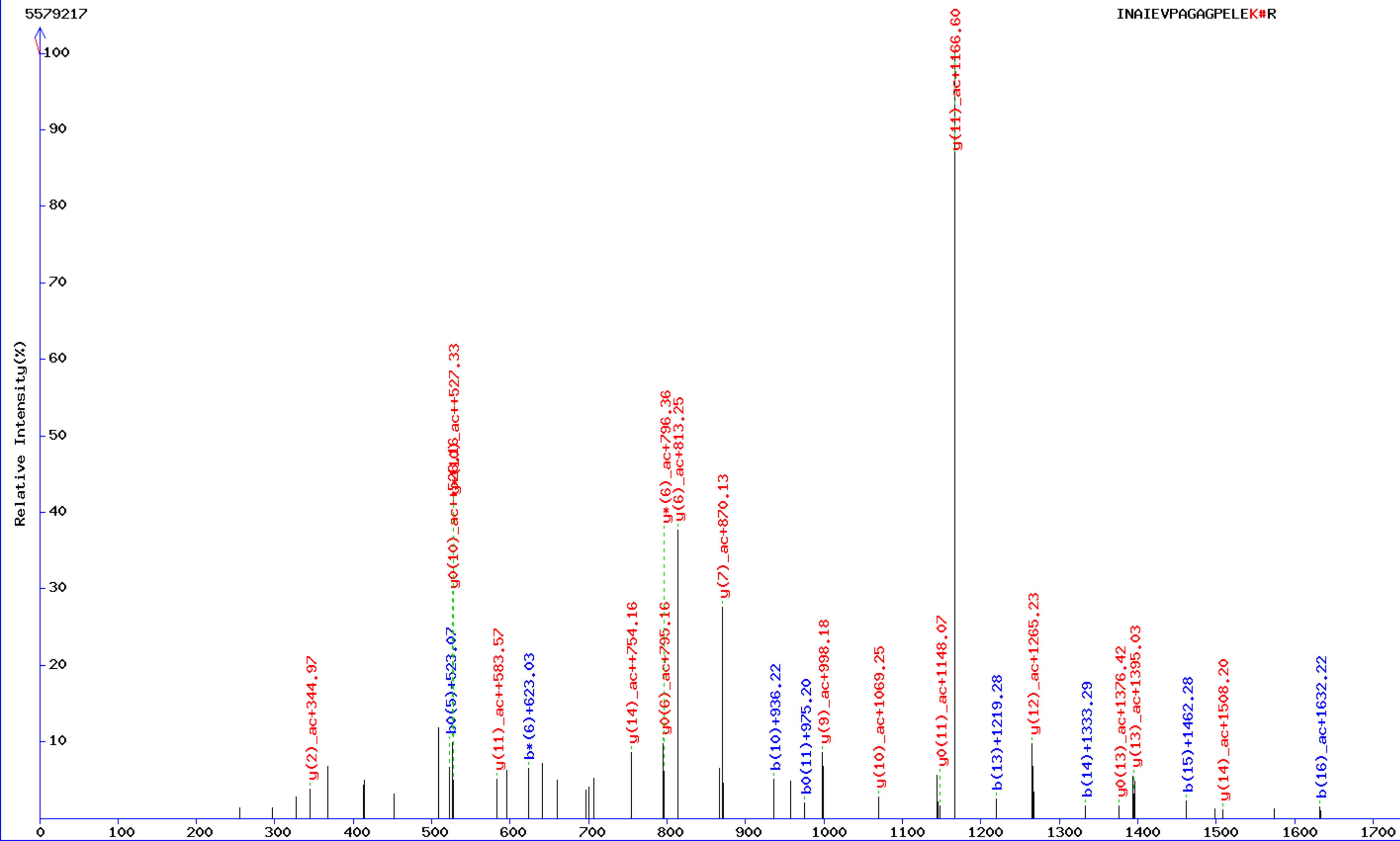


# gi|148663109 MRA\_3287 two component sensory transduction transcriptional regulatory protein MtrA

VEK#DPENPTVVLTVR

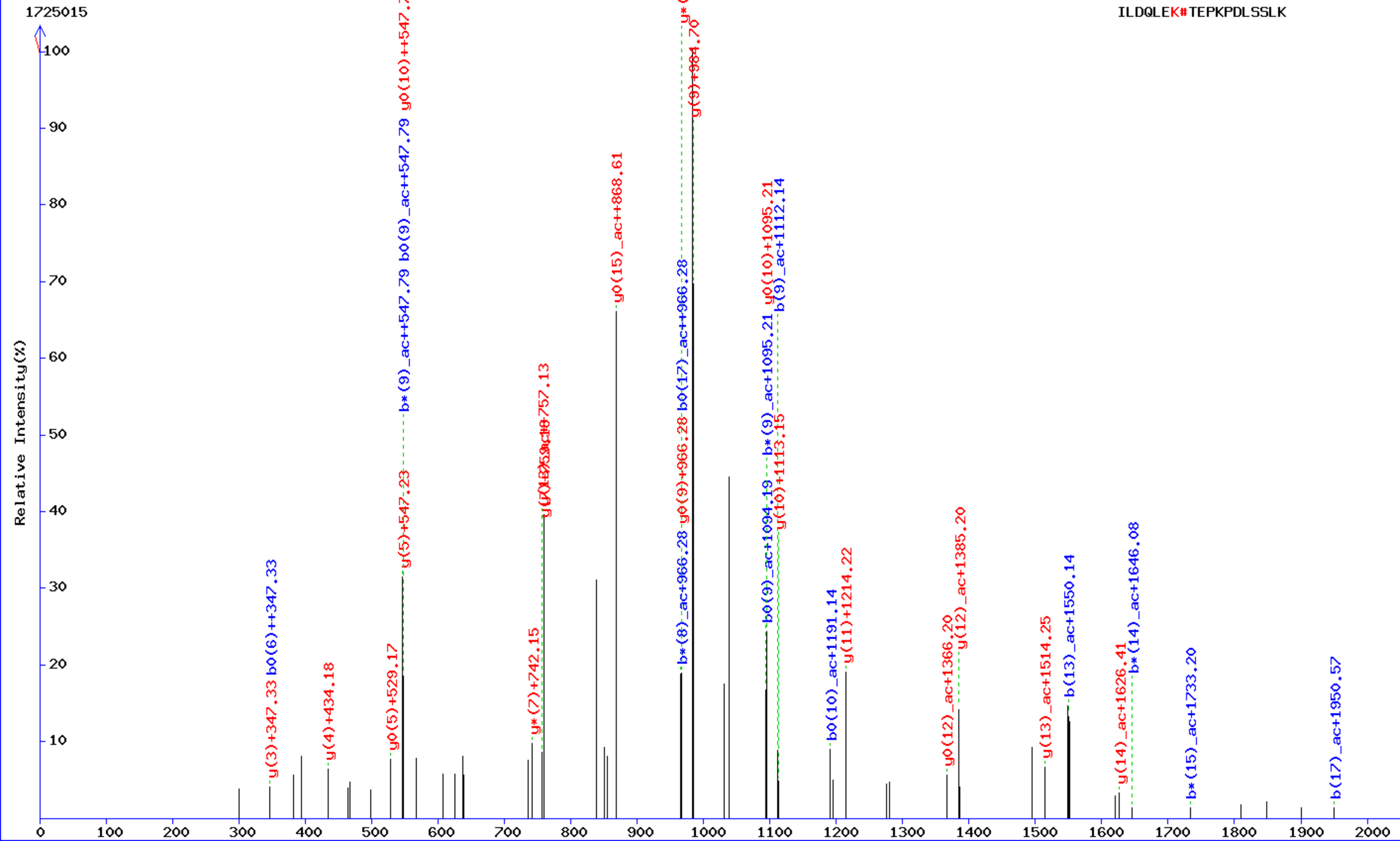


# gi|148663456 MRA\_3631 hypothetical protein



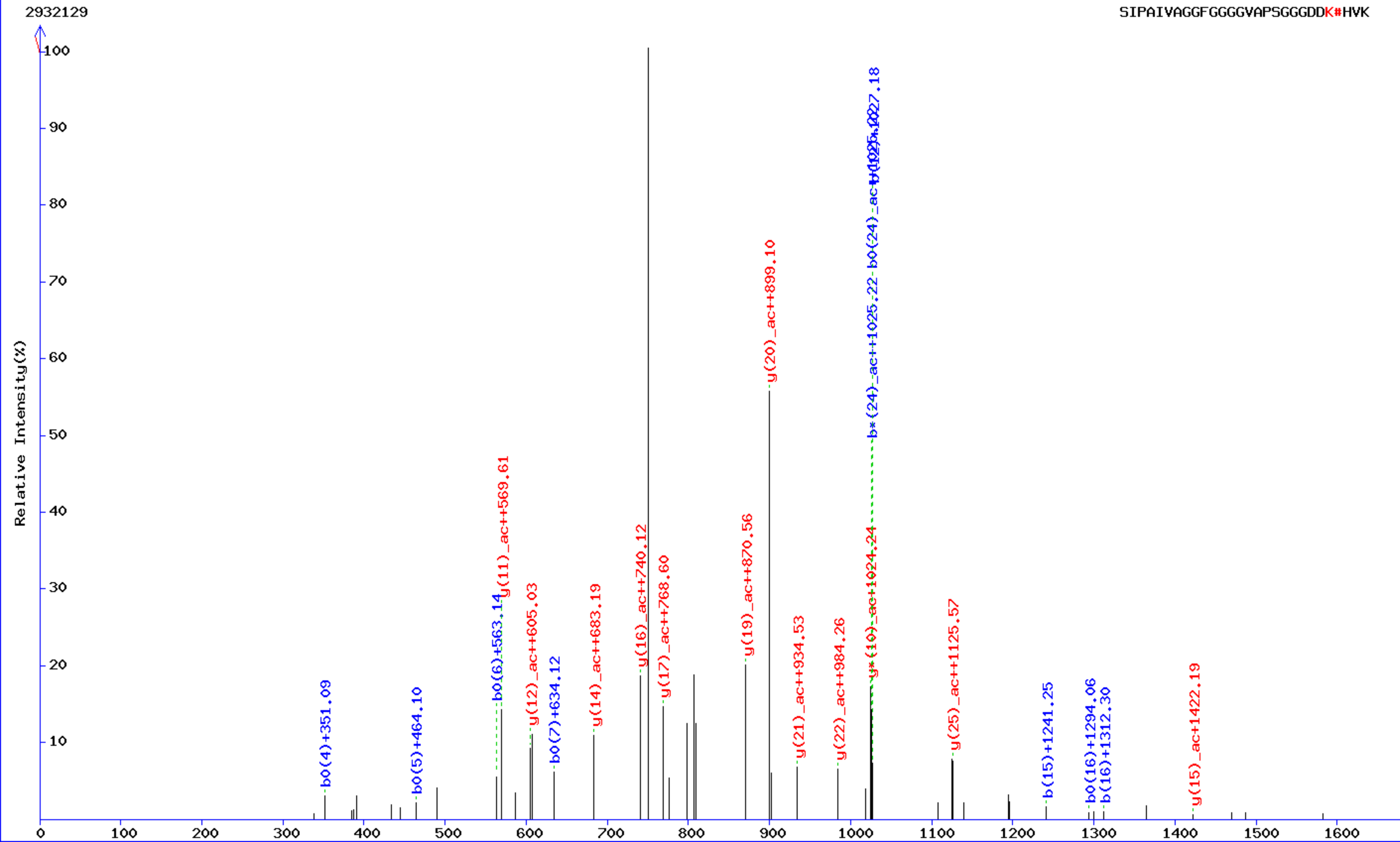
# gi|148660035 MRA\_0278 acyl-CoA synthetase

ILDQLEK#TEPKPDLSSLK



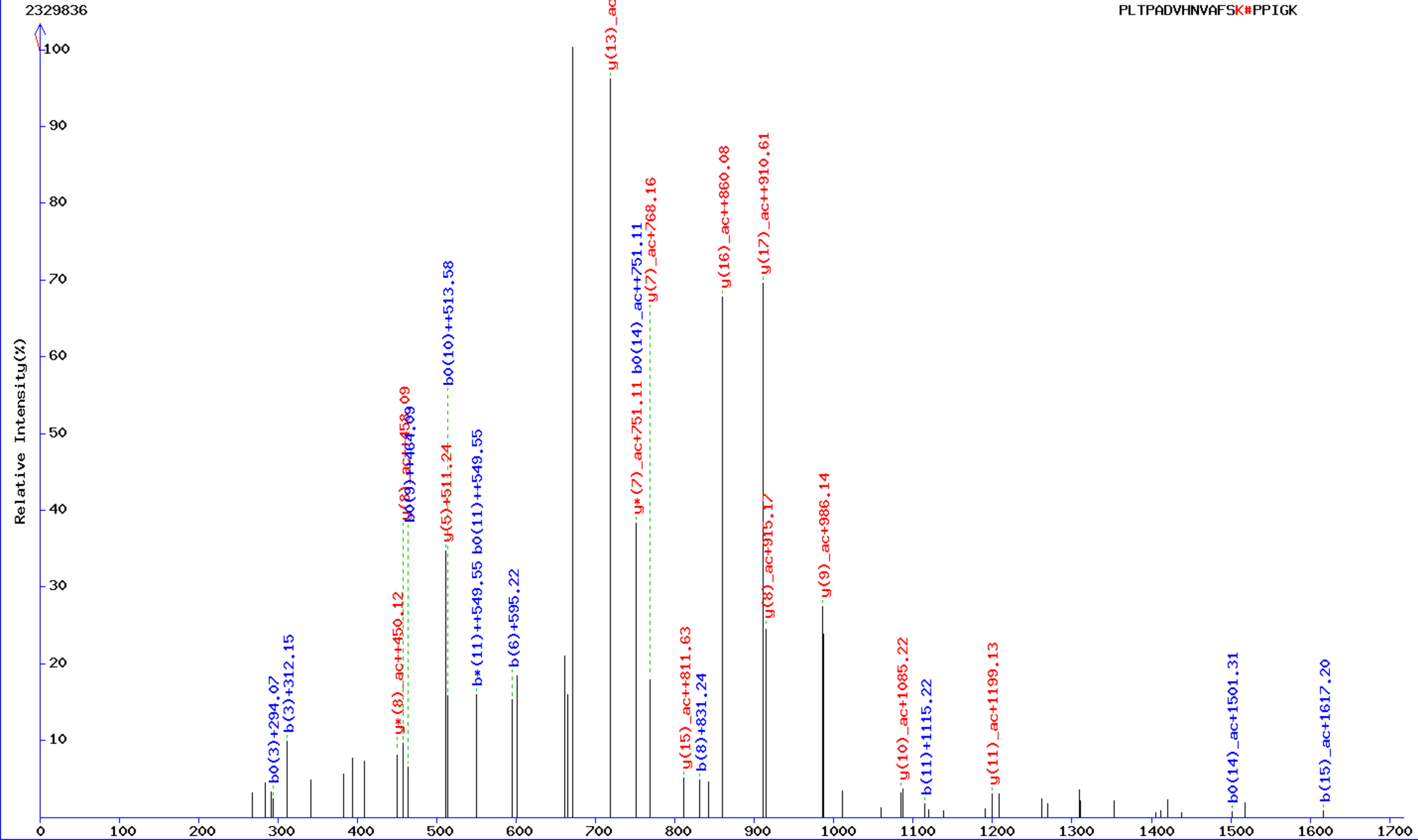
# gi|14865921 MRA\_0165 NAD(P) transhydrogenase subunit beta

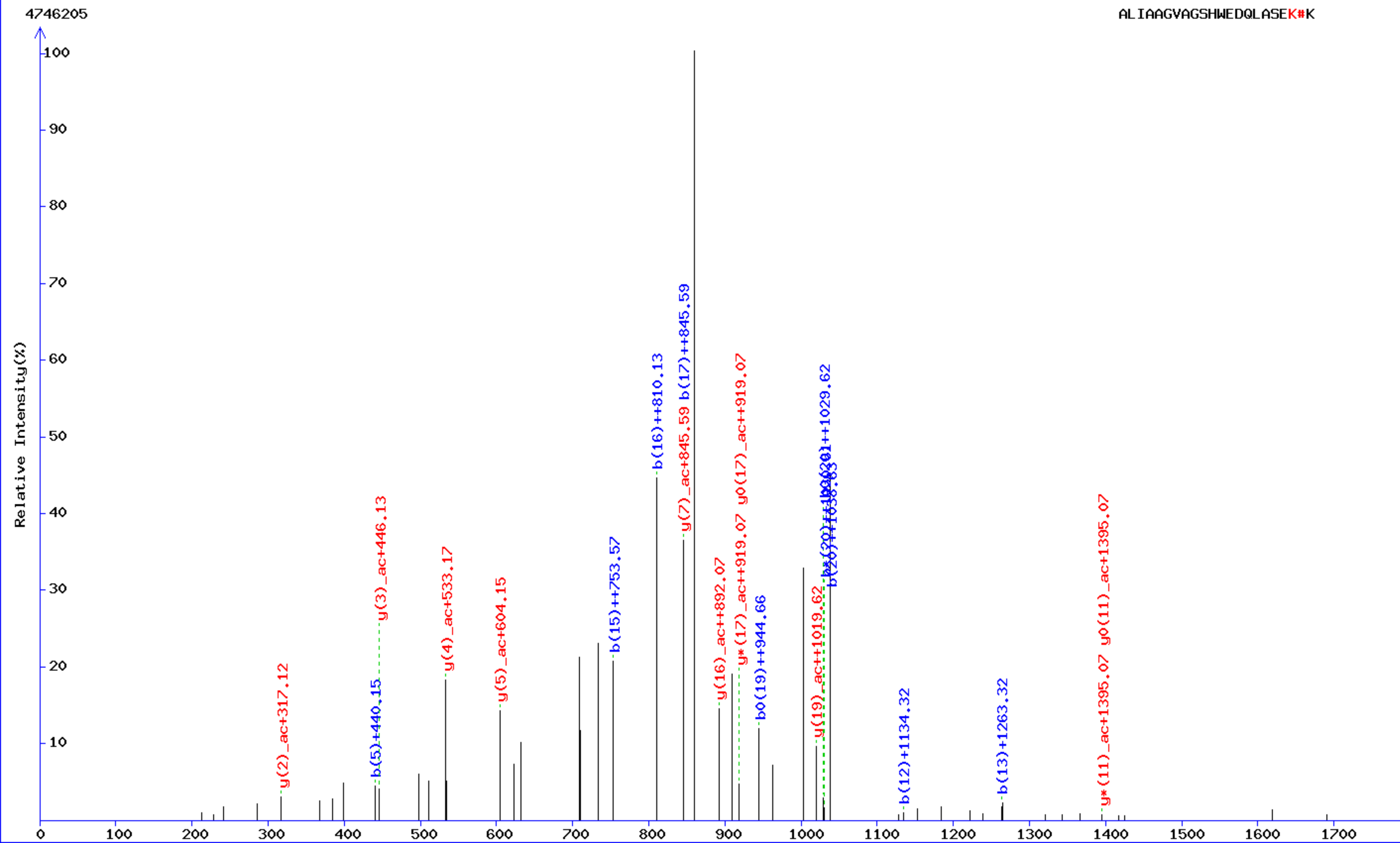
SIPAIVAGGFGGGGVAPSGGGDDK#HVK



# gi|148661961 MRA\_2160 hypothetical protein

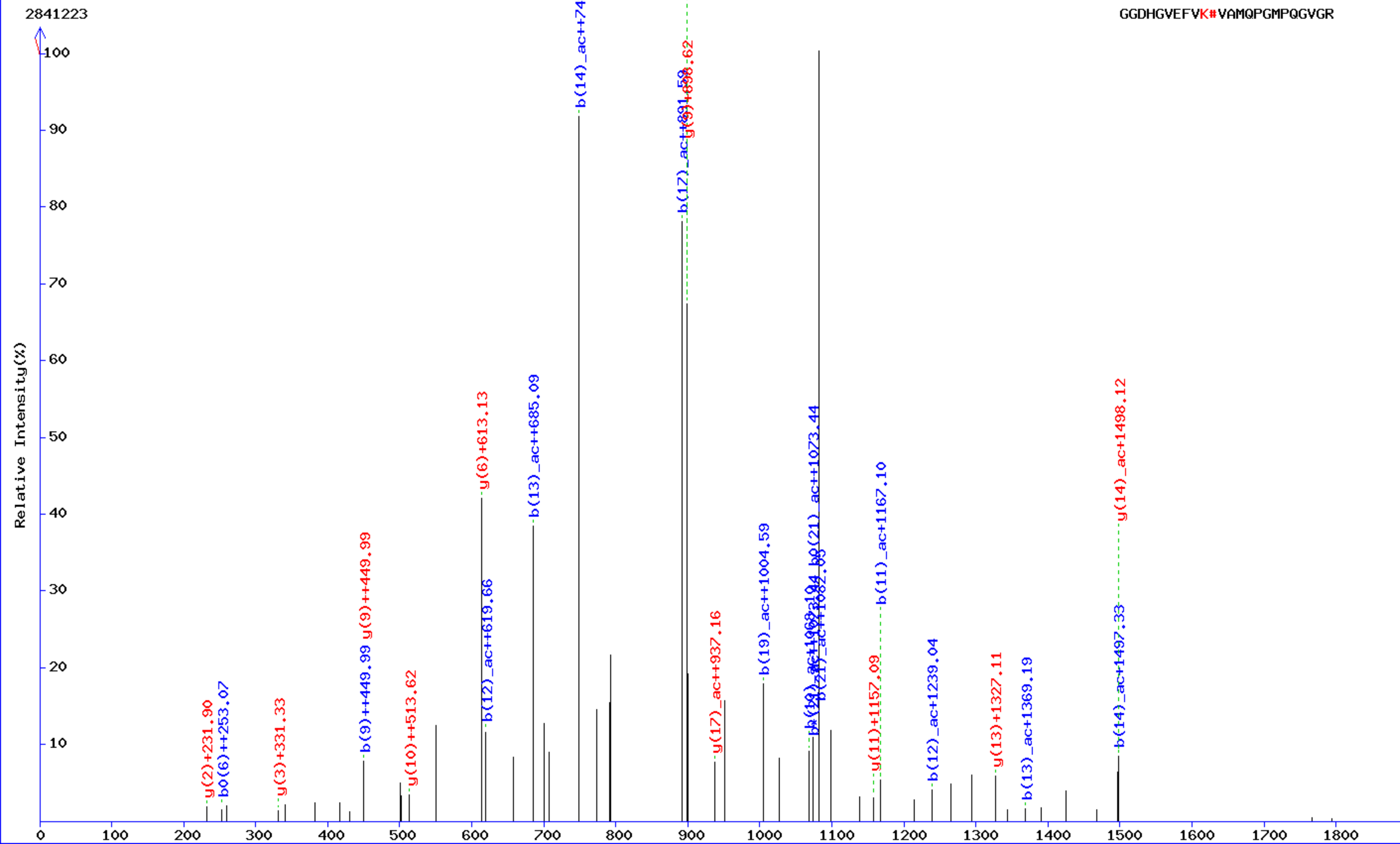
PLTPADVHNVAFSK#PPIGK





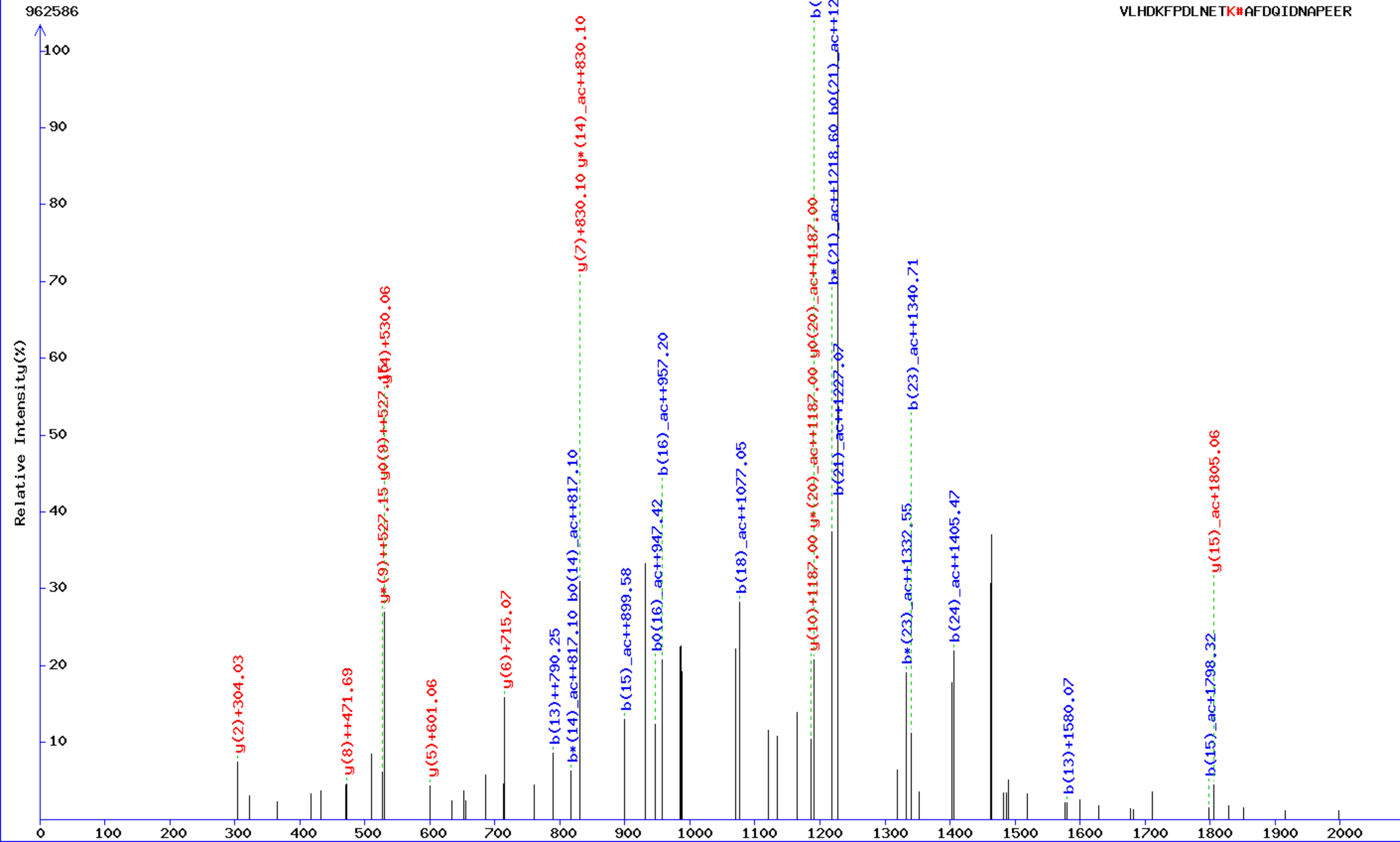
gi|148660203 MRA\_0443 molybdopterin biosynthesis protein MoeA2

GGDHGVEFVK#VAMQPGMPQGVGR



# gi|148660460 MRA\_0694 elongation factor Tu

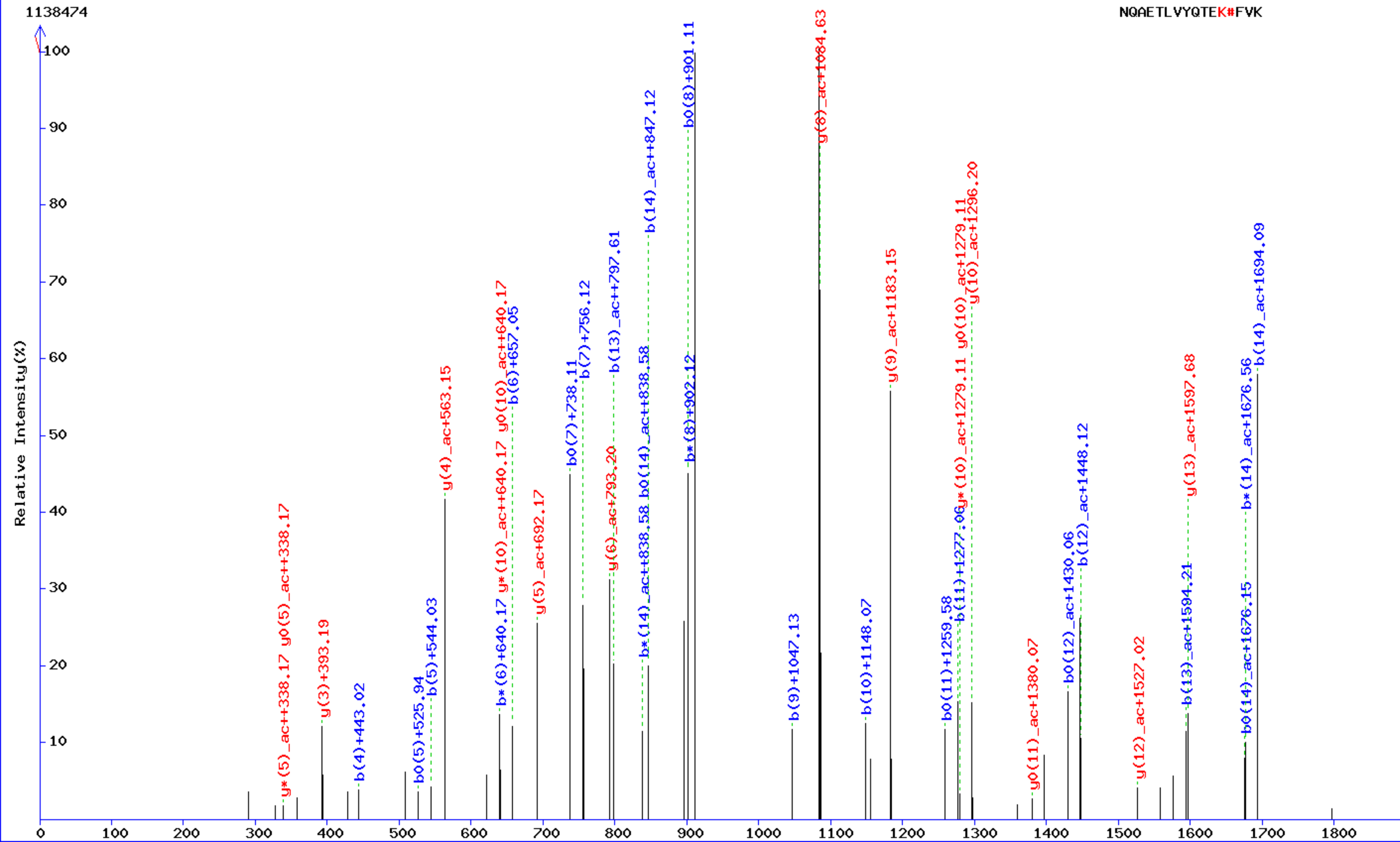
VLHDKFPDLNETK#AFDQIDNAPEER





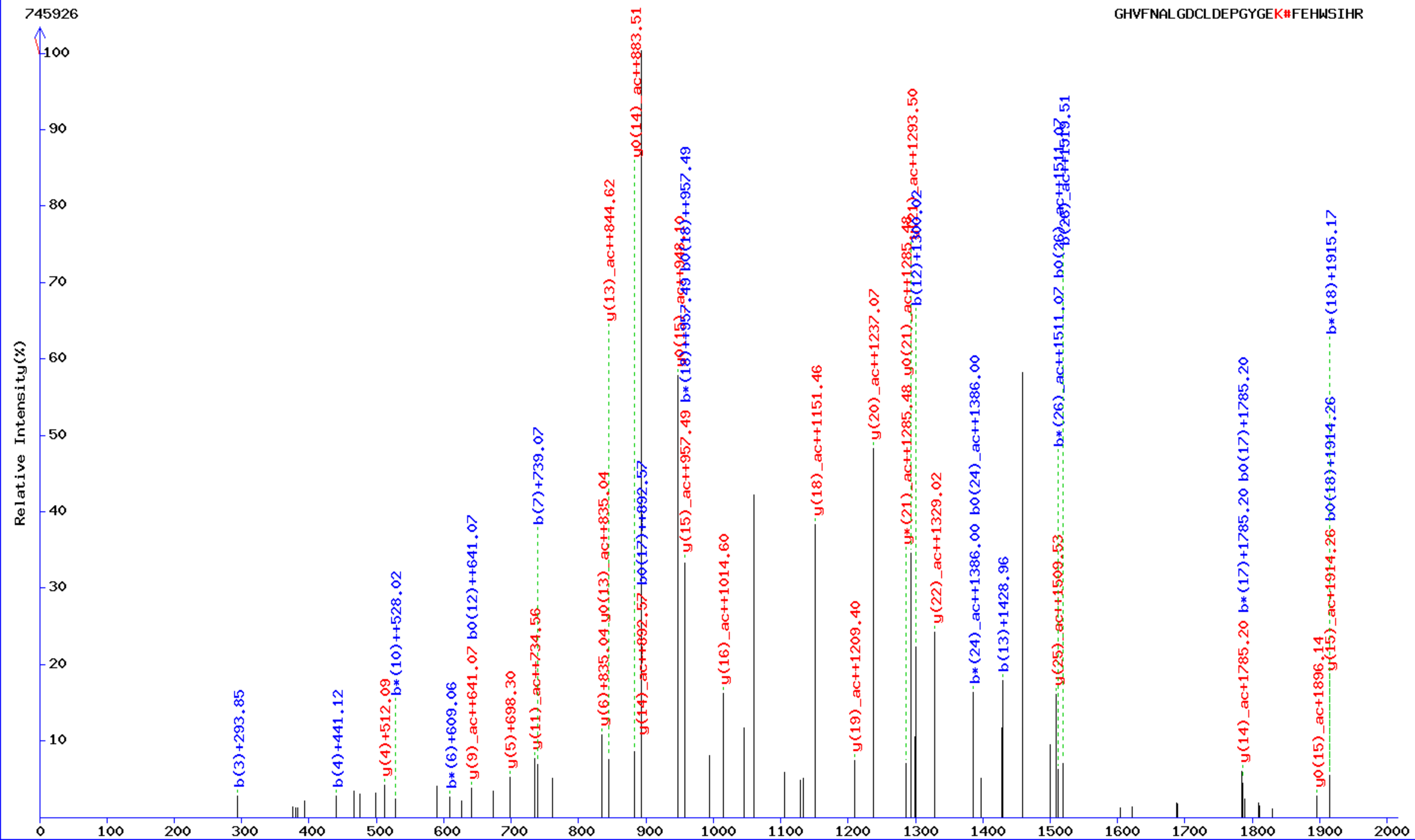
gi|148660116 MRA\_0359 molecular chaperone DnaK

NQAETLVYQTEK#FVK

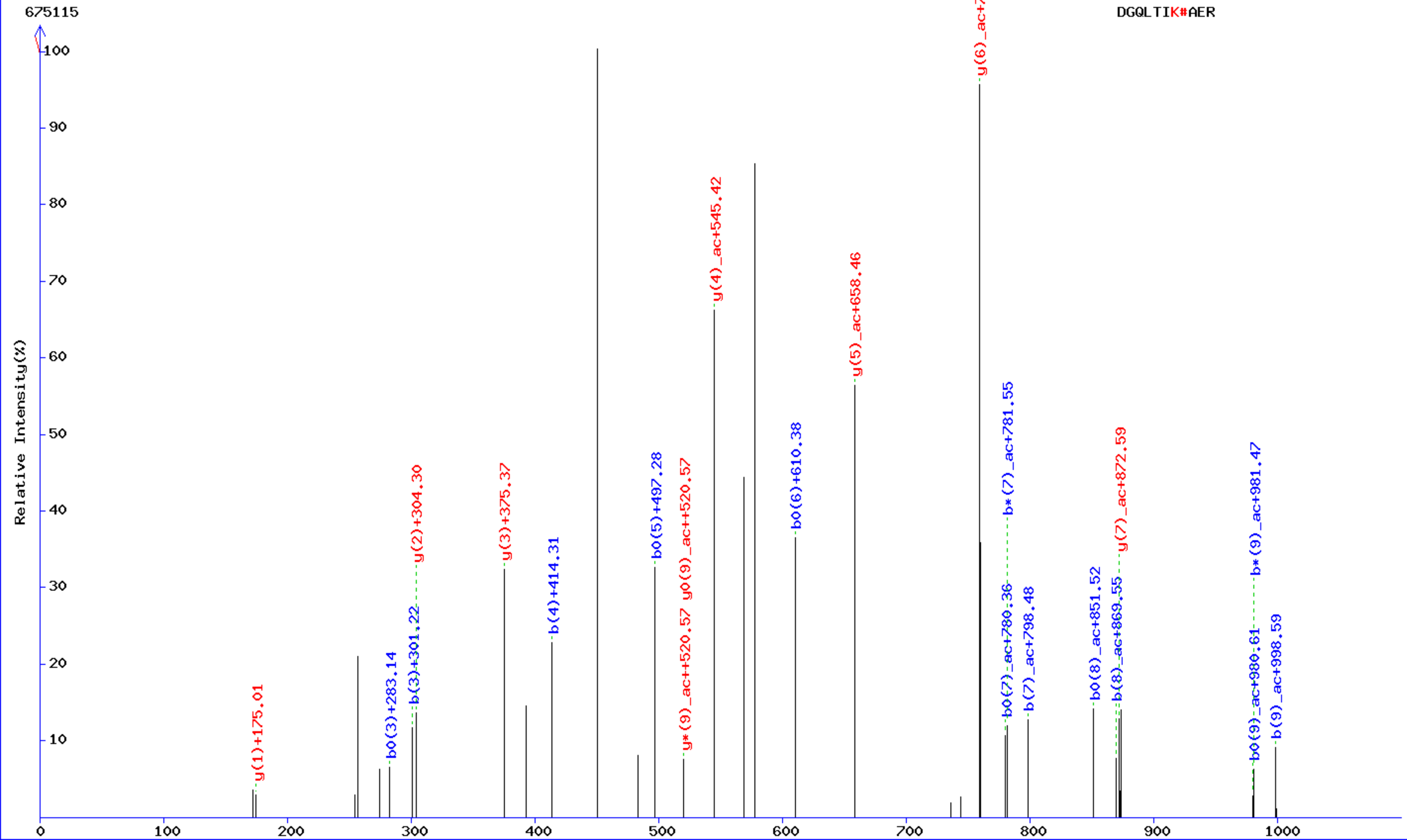


gi|148661098 MRA\_1318 ATP synthase F0F1 subunit beta

GHVFNALGDCLDEPGYGEK#FEHWSIHR

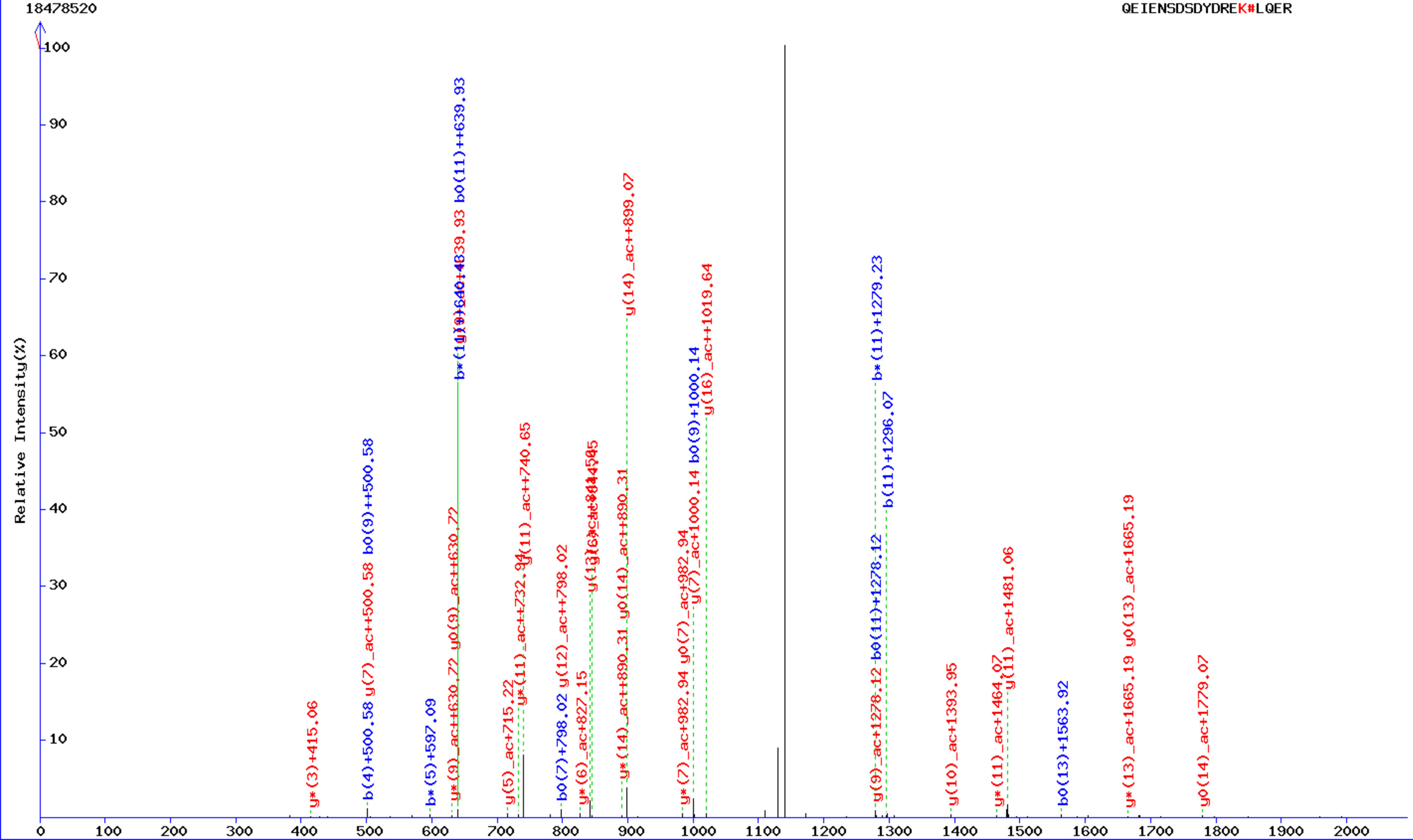


# gi|148661845 MRA\_2046 antigen Hsp20



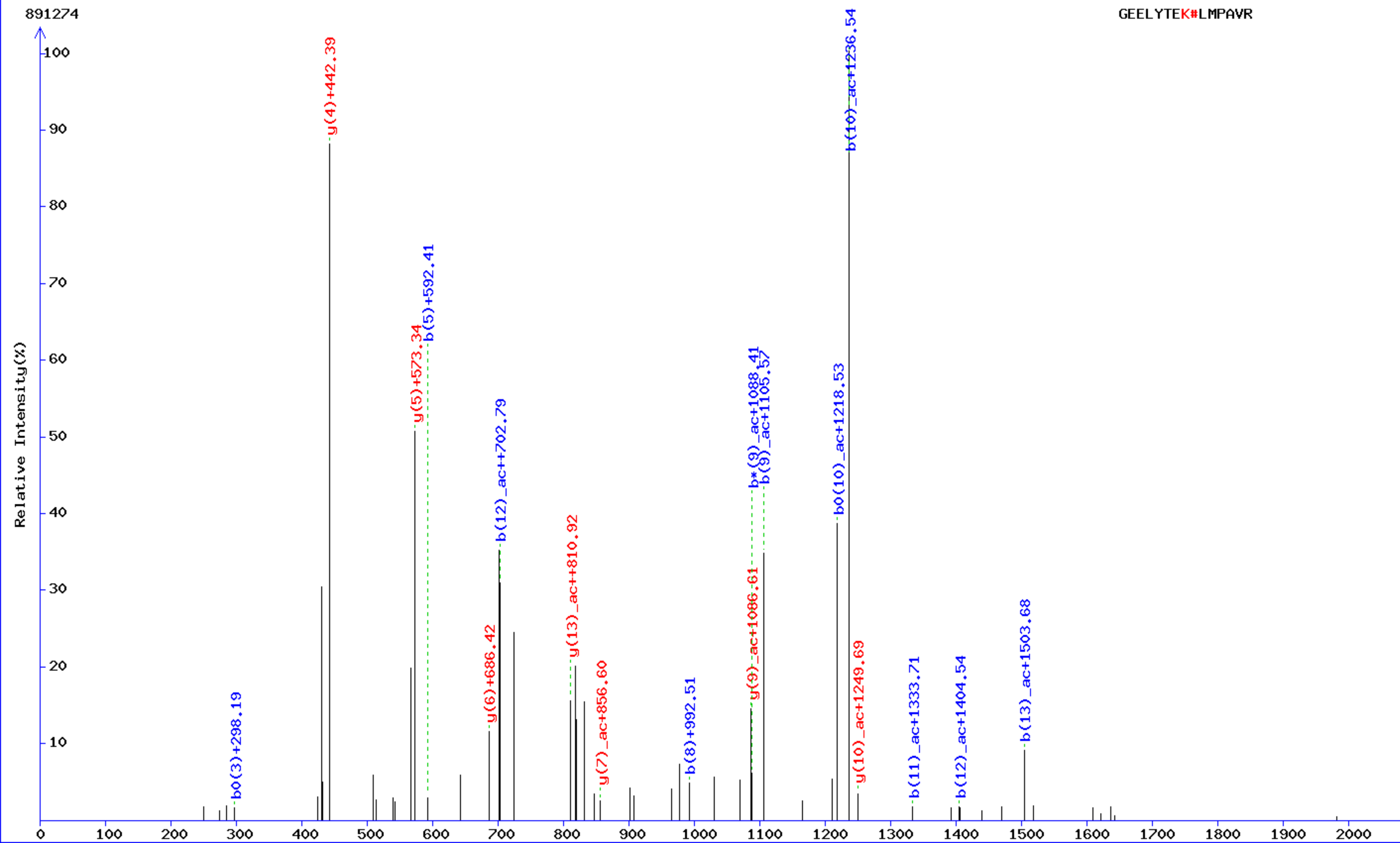
# gi|148660205 MRA\_0445 molecular chaperone GroEL

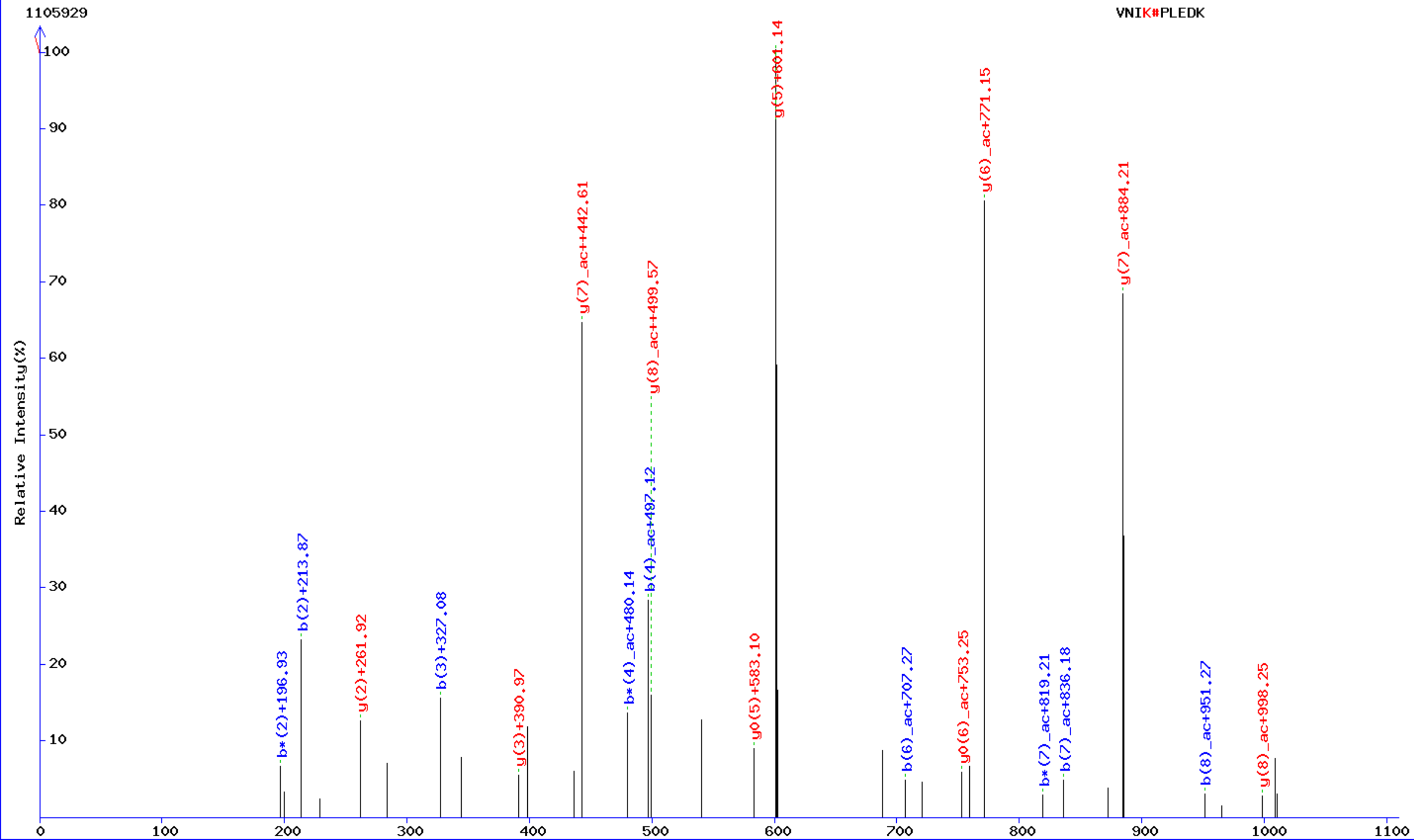
QE IENSDSDYDREK#LQER



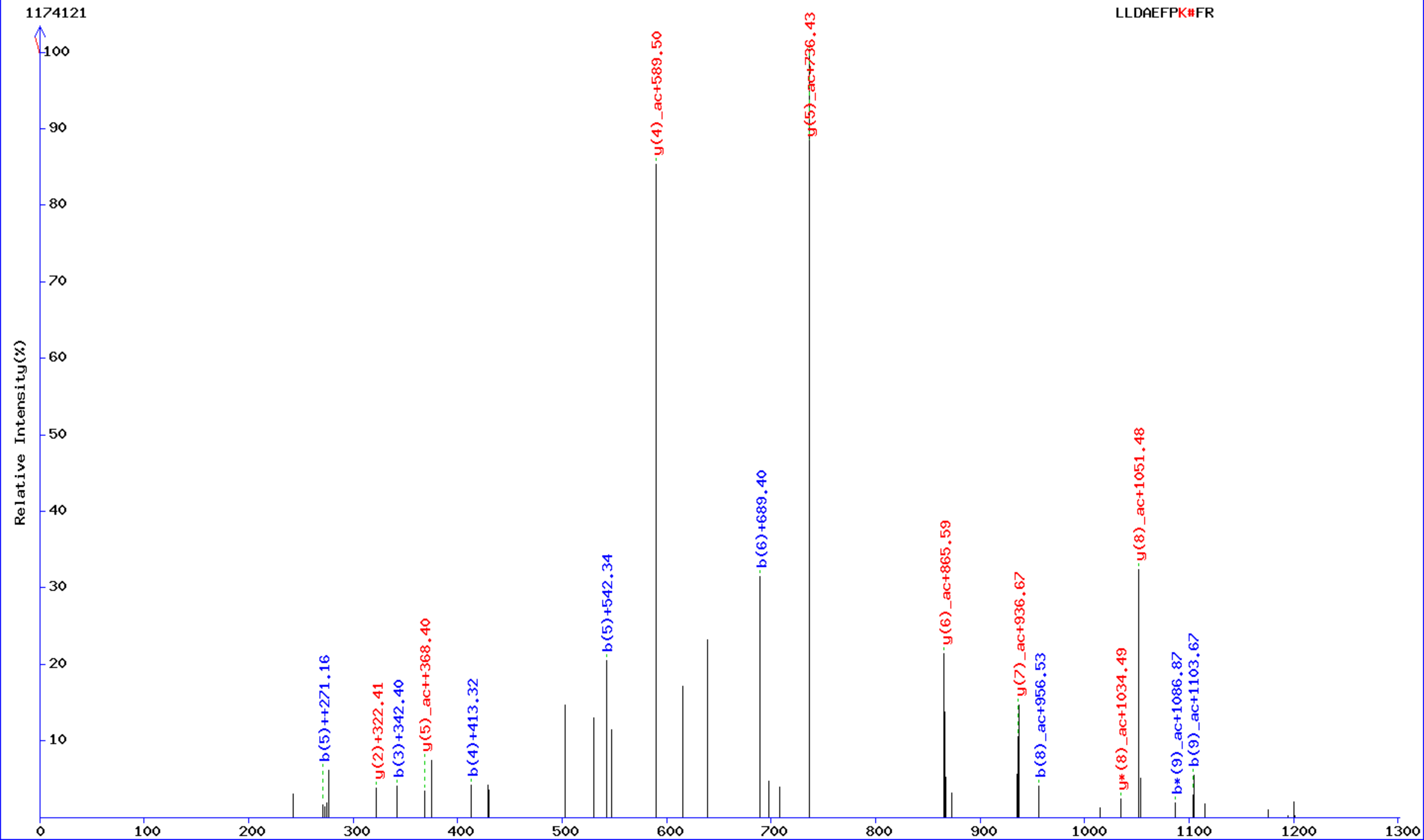
# gi|148660172 MRA\_0413 f420-dependent glucose-6-phosphate dehydrogenase Fgd1

GEELYTEK#LMPAVR



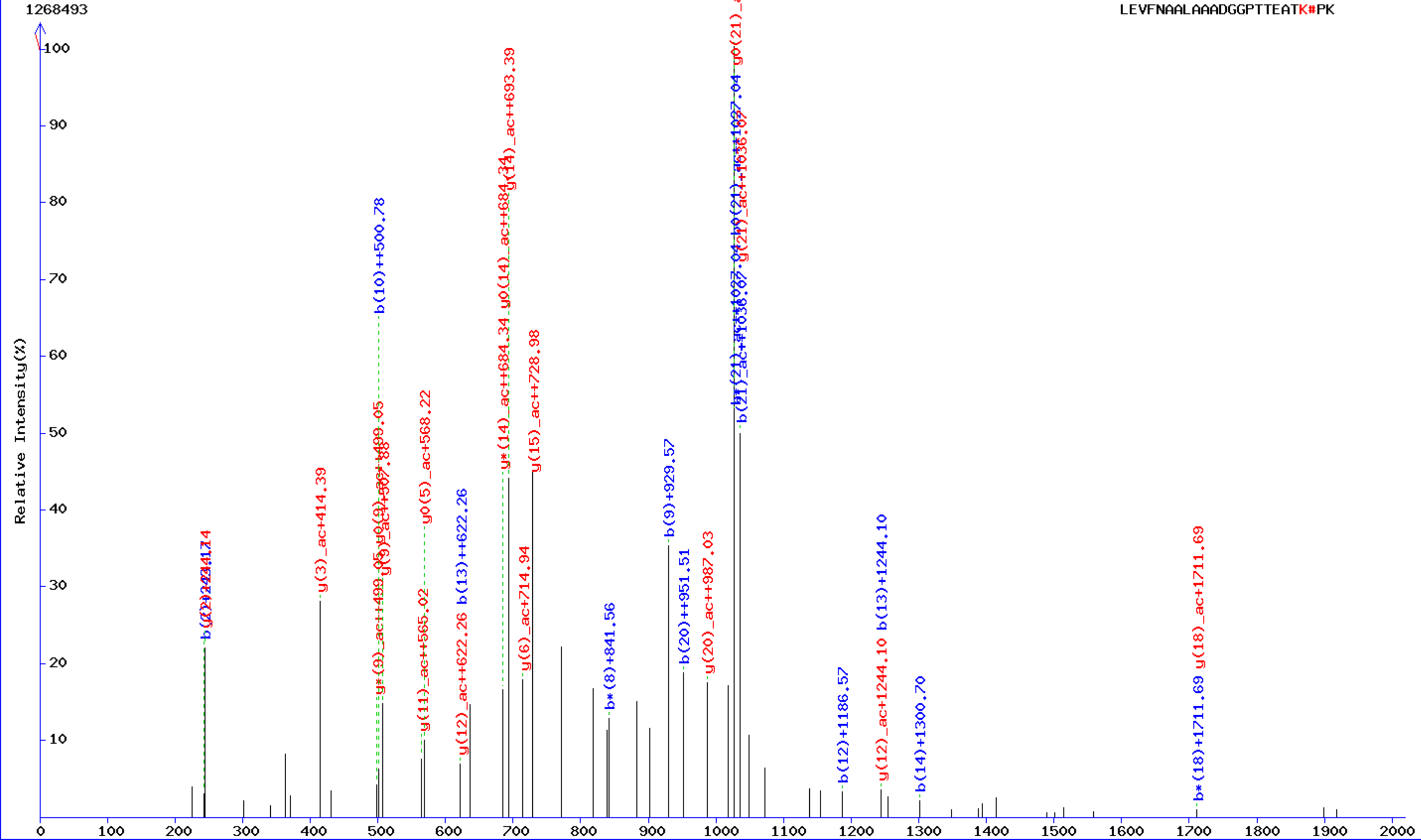


# gi|148659759 MRA\_0002 DNA polymerase III subunit beta



# gi|148662753 MRA\_2934 30S ribosomal protein S16

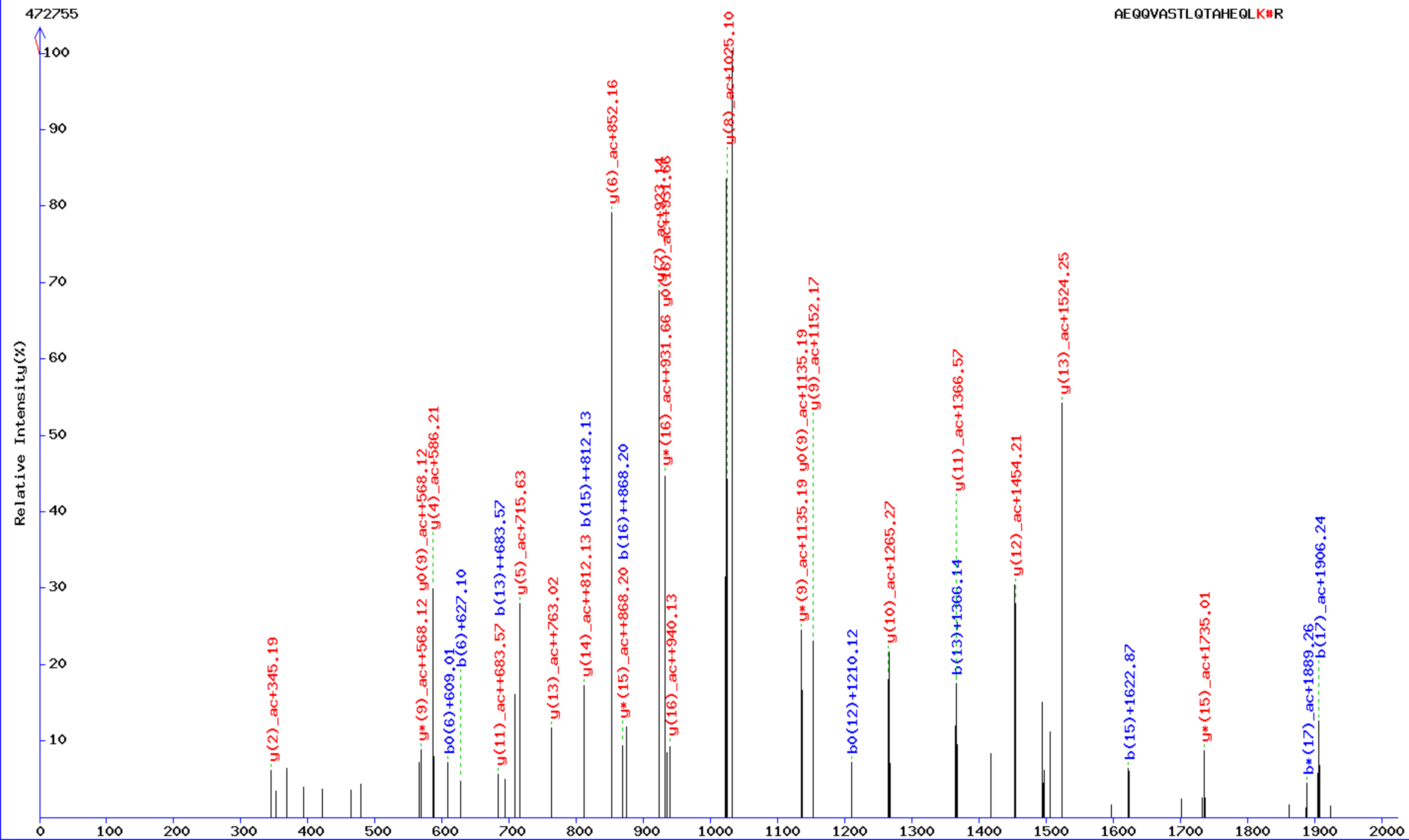
LEVFNAAALAADGGPTTEATK#PK





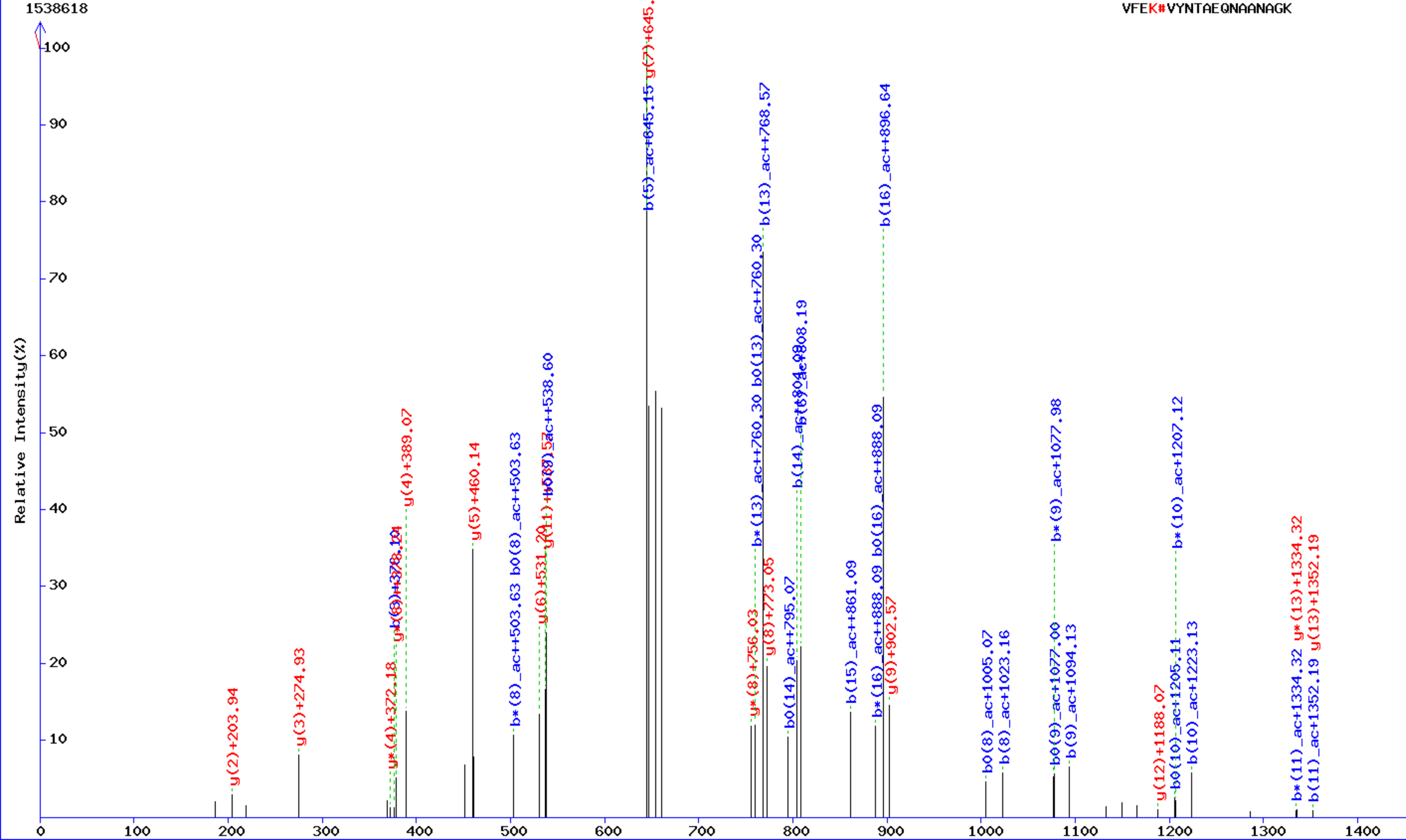
# gi|148661094 MRA\_1314 ATP synthase F0F1 subunit B

AEQQVASTLQTAHEQLK#R

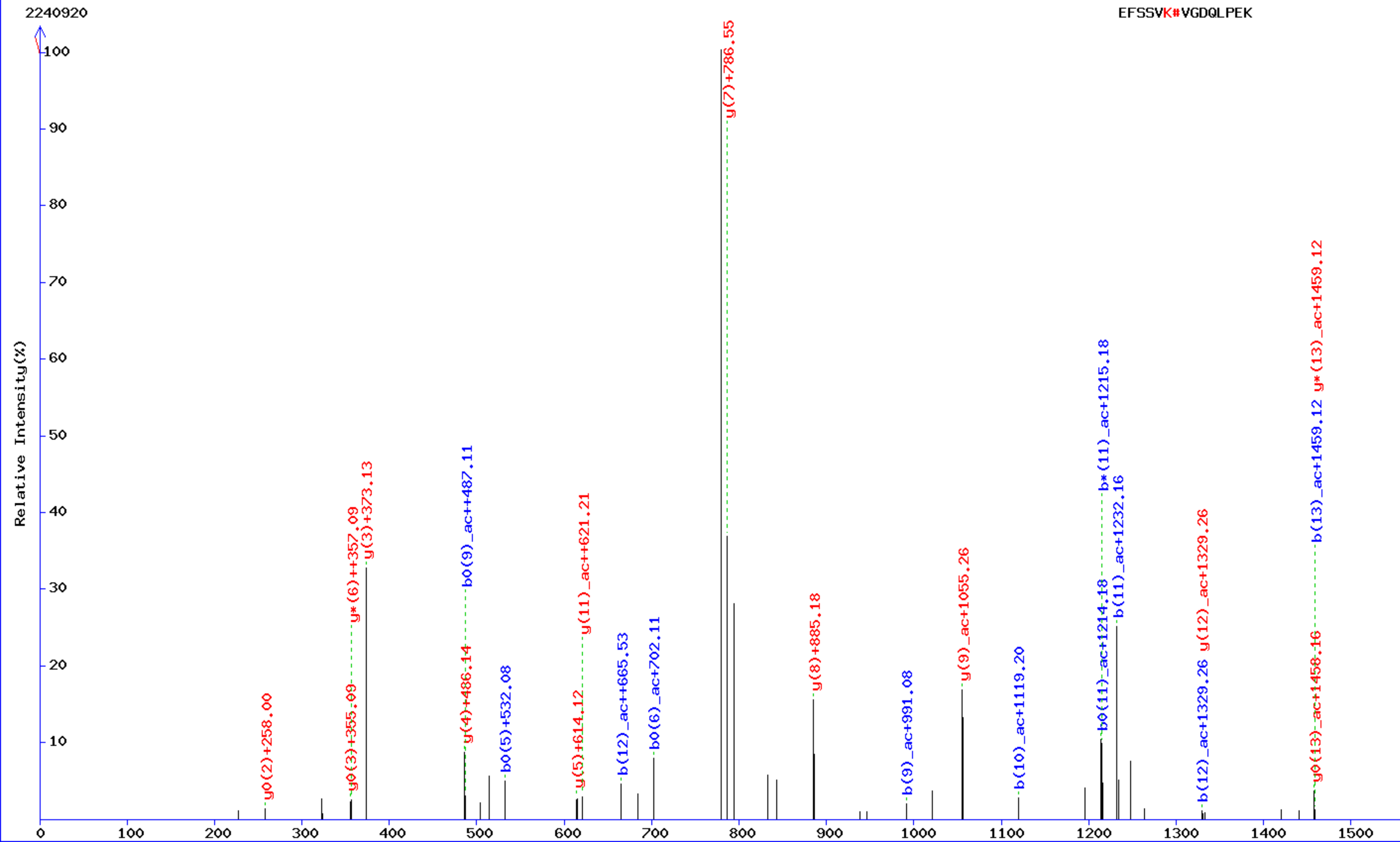


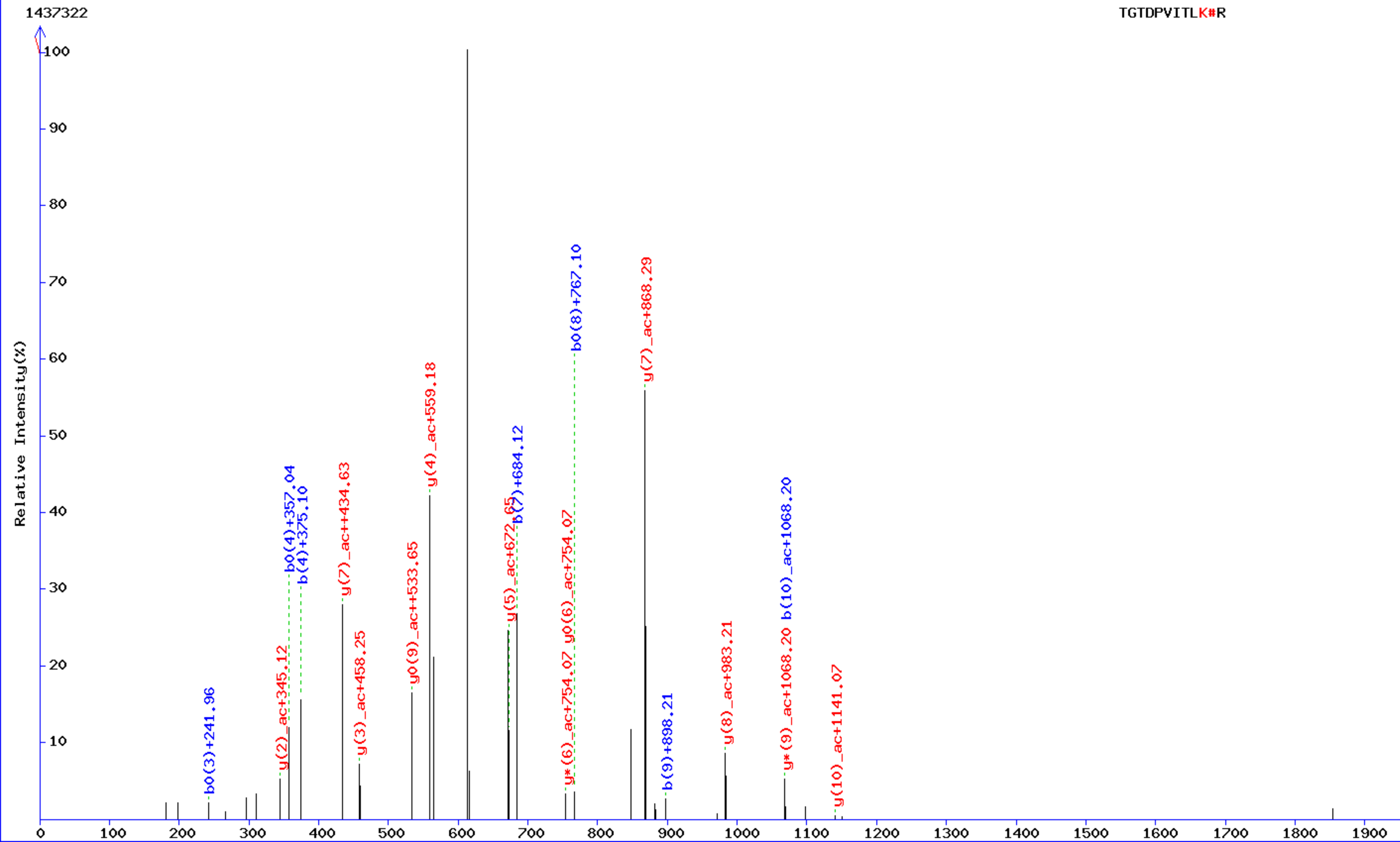
gi|148662003 MRA\_2202 long-chain-fatty-acid--CoA ligase

VFEK#VYNTAEQNAANAGK



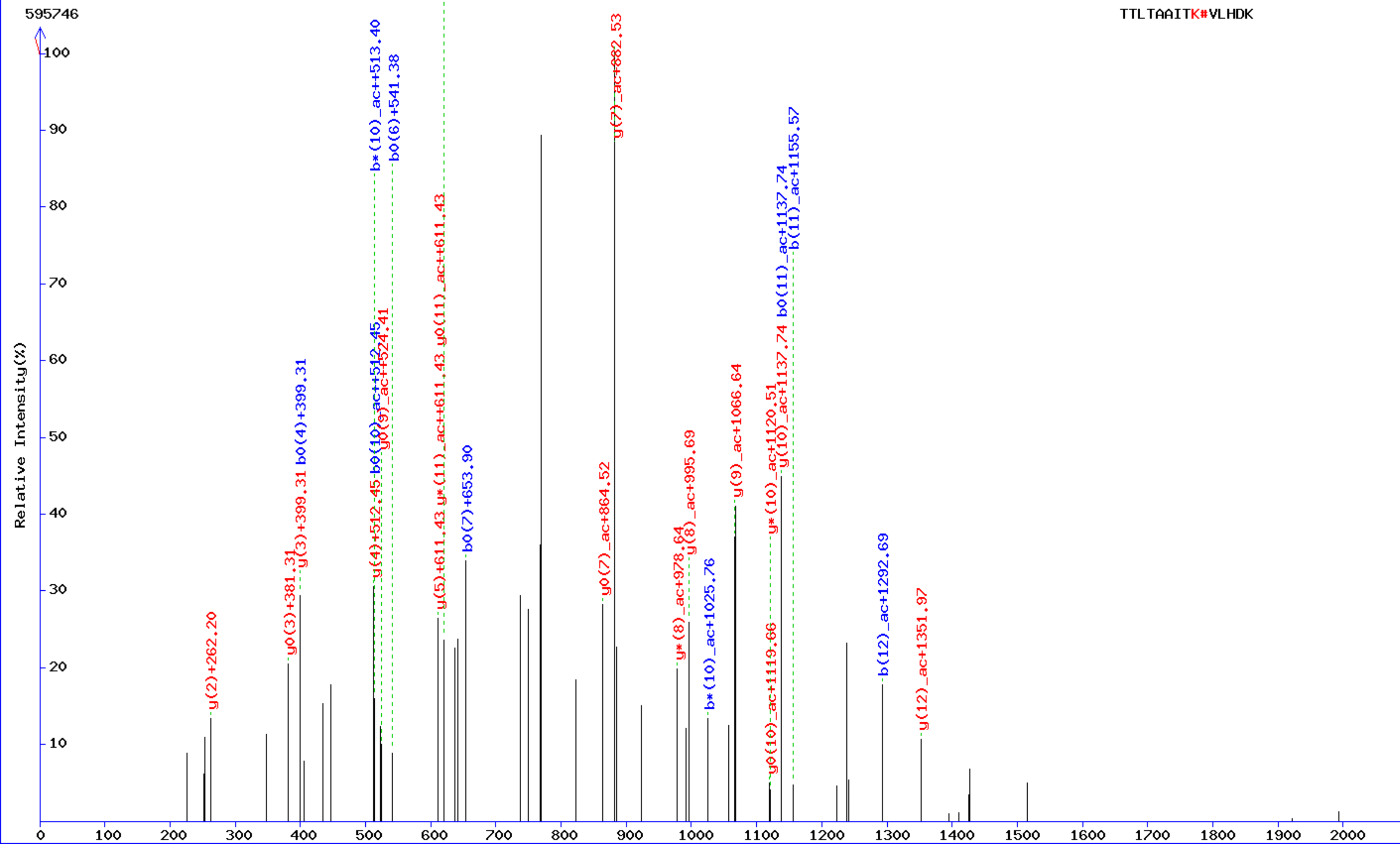
# gi|148660410 MRA\_0647 (3R)-hydroxyacyl-ACP dehydratase subunit HadB





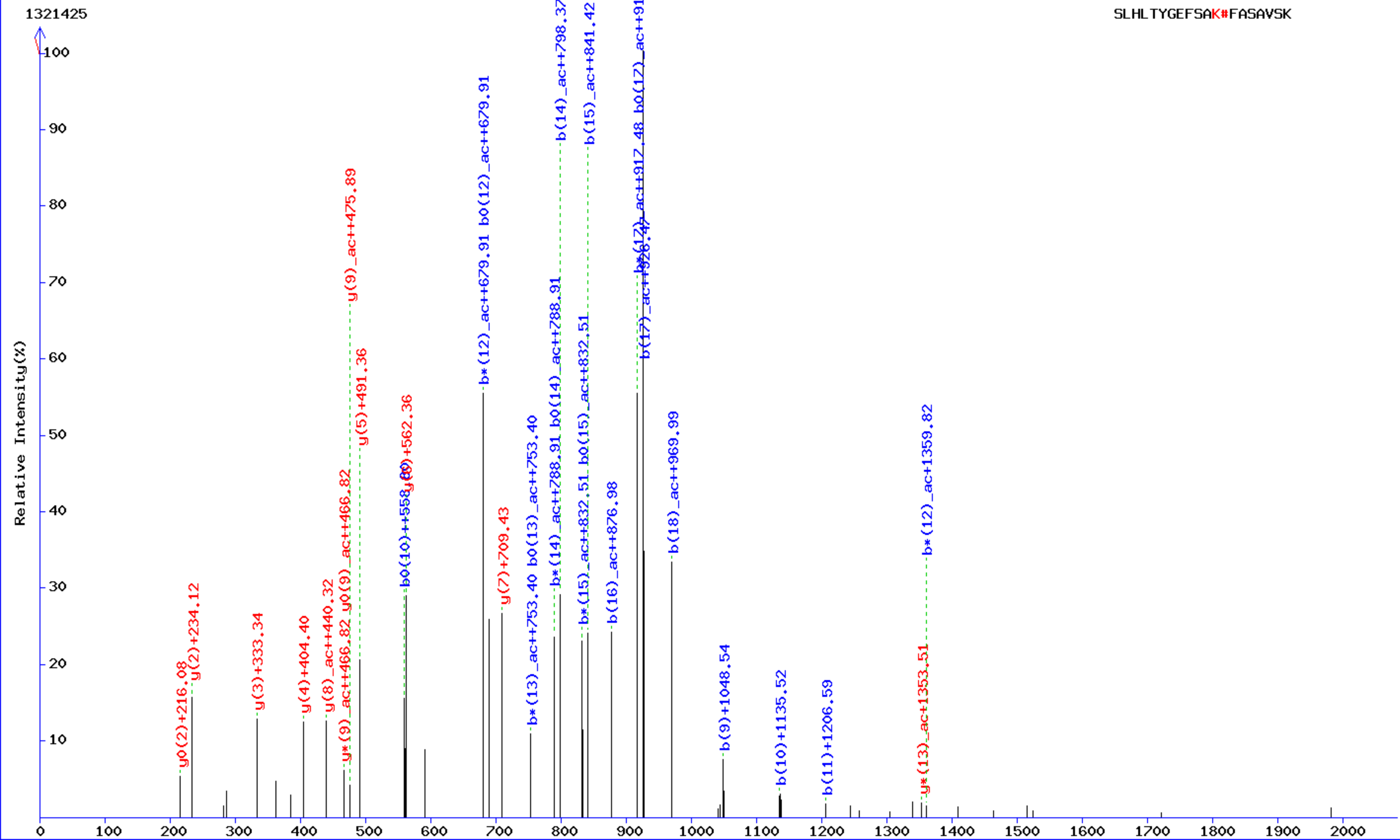
# gi|148660460 MRA\_0694 elongation factor Tu

TTLTAAITK#VLHDK



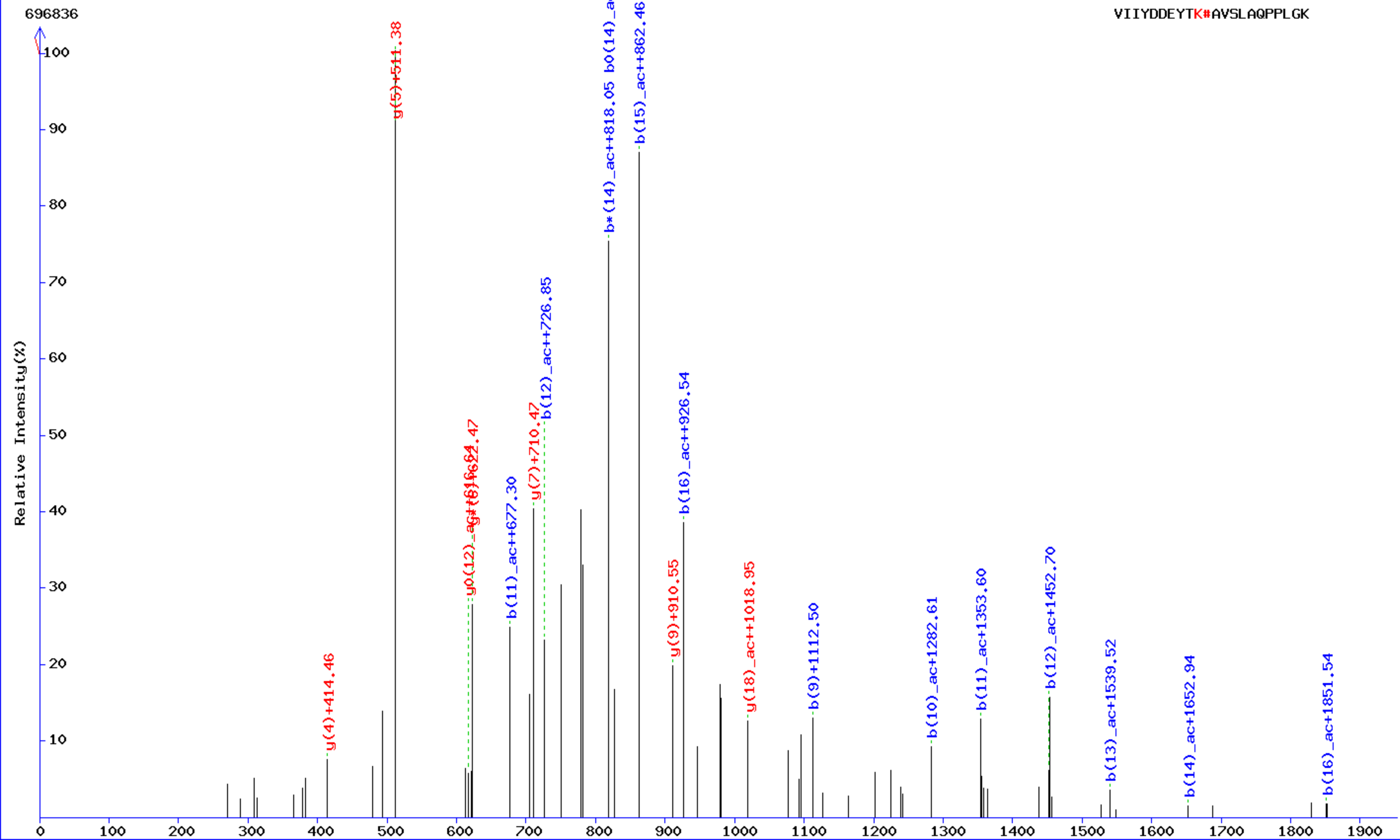
# gi|148660661 MRA\_0891 phosphoserine aminotransferase

SLHLYGEGFSAK#FASAVSK



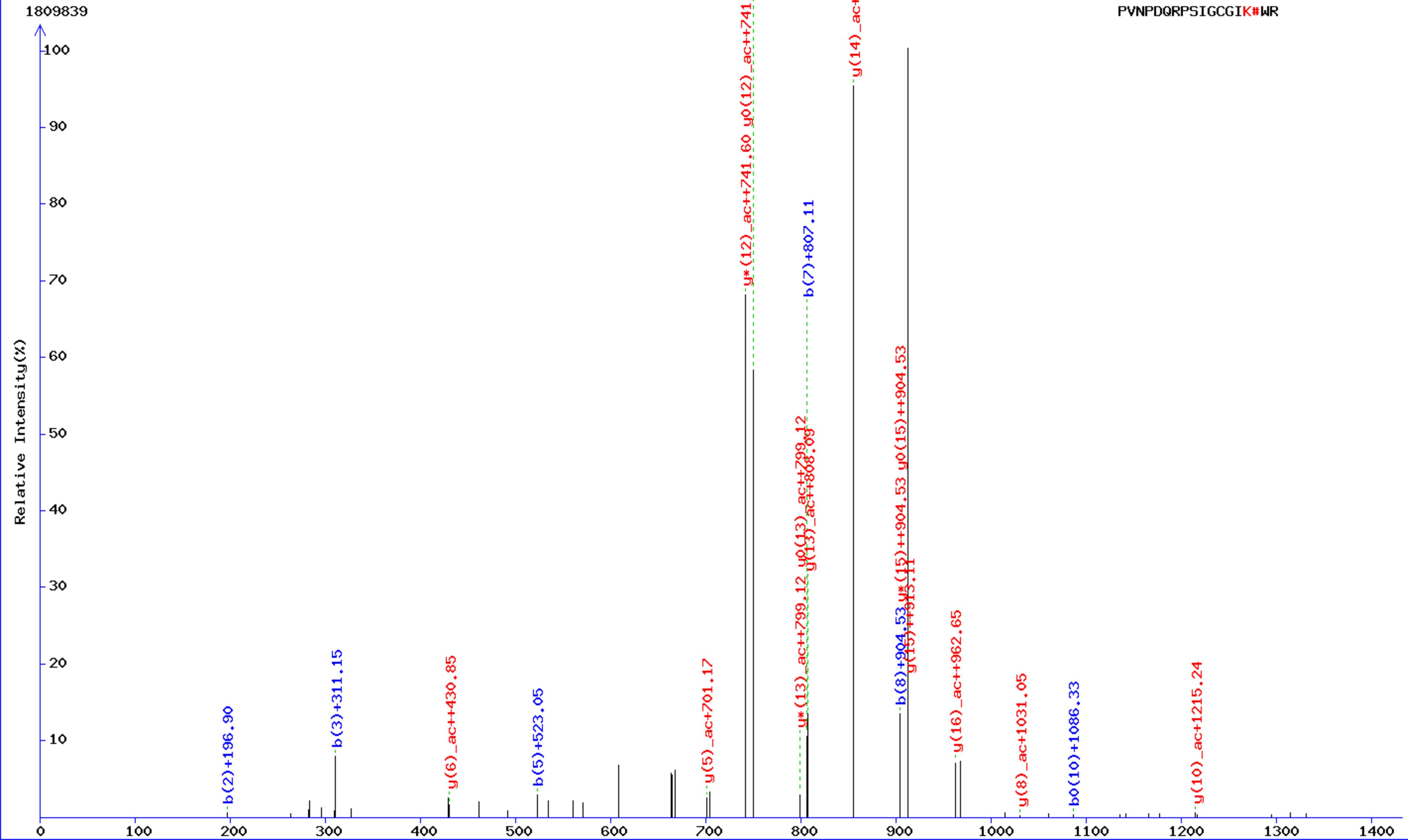
# gi|148660035 MRA\_0278 acyl-CoA synthetase

VIIYDDEYTK#AVSLAQPLGK

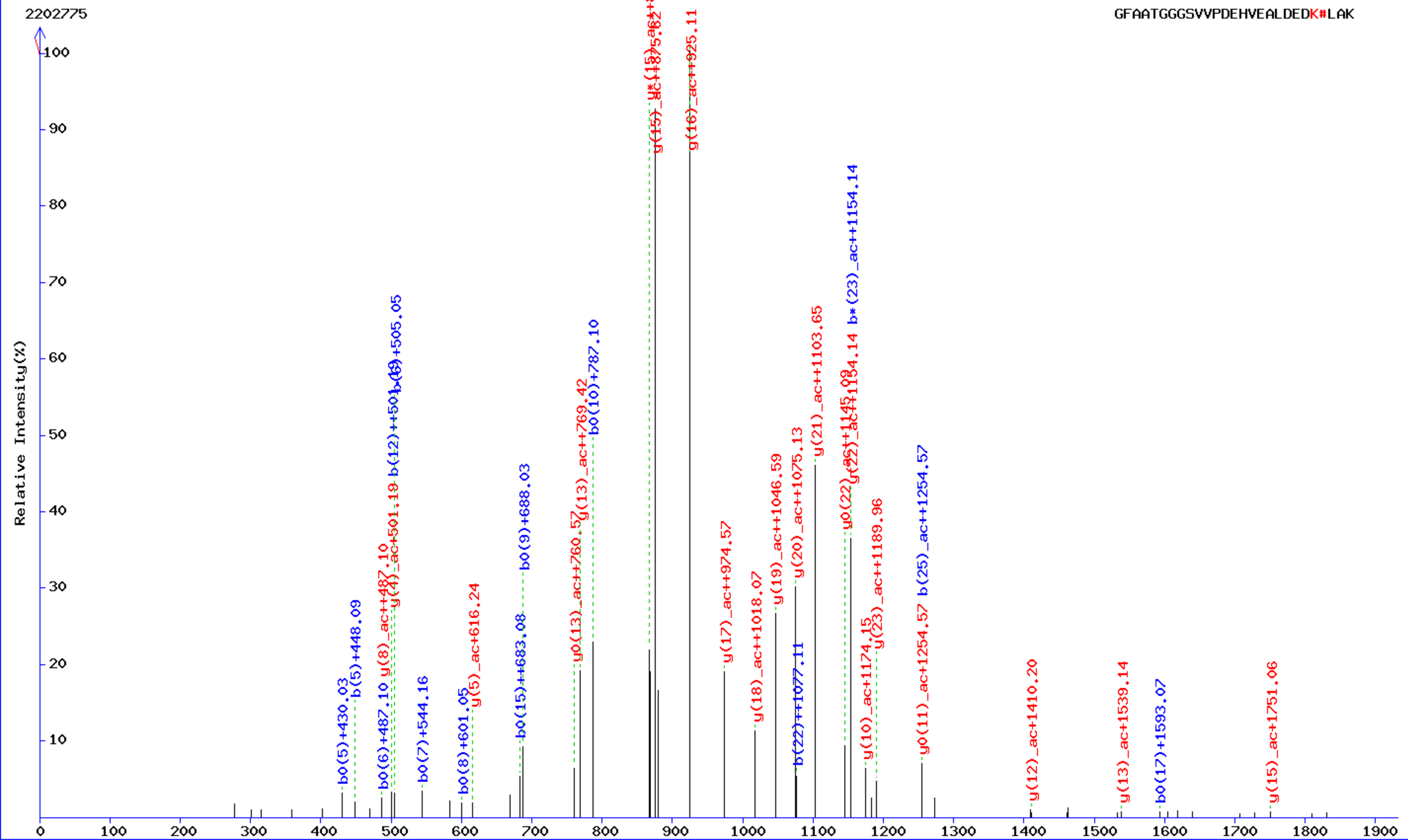


# gi|148661530 MRA\_1742 hypothetical protein

PVNPDRPSIGCGIK#WR

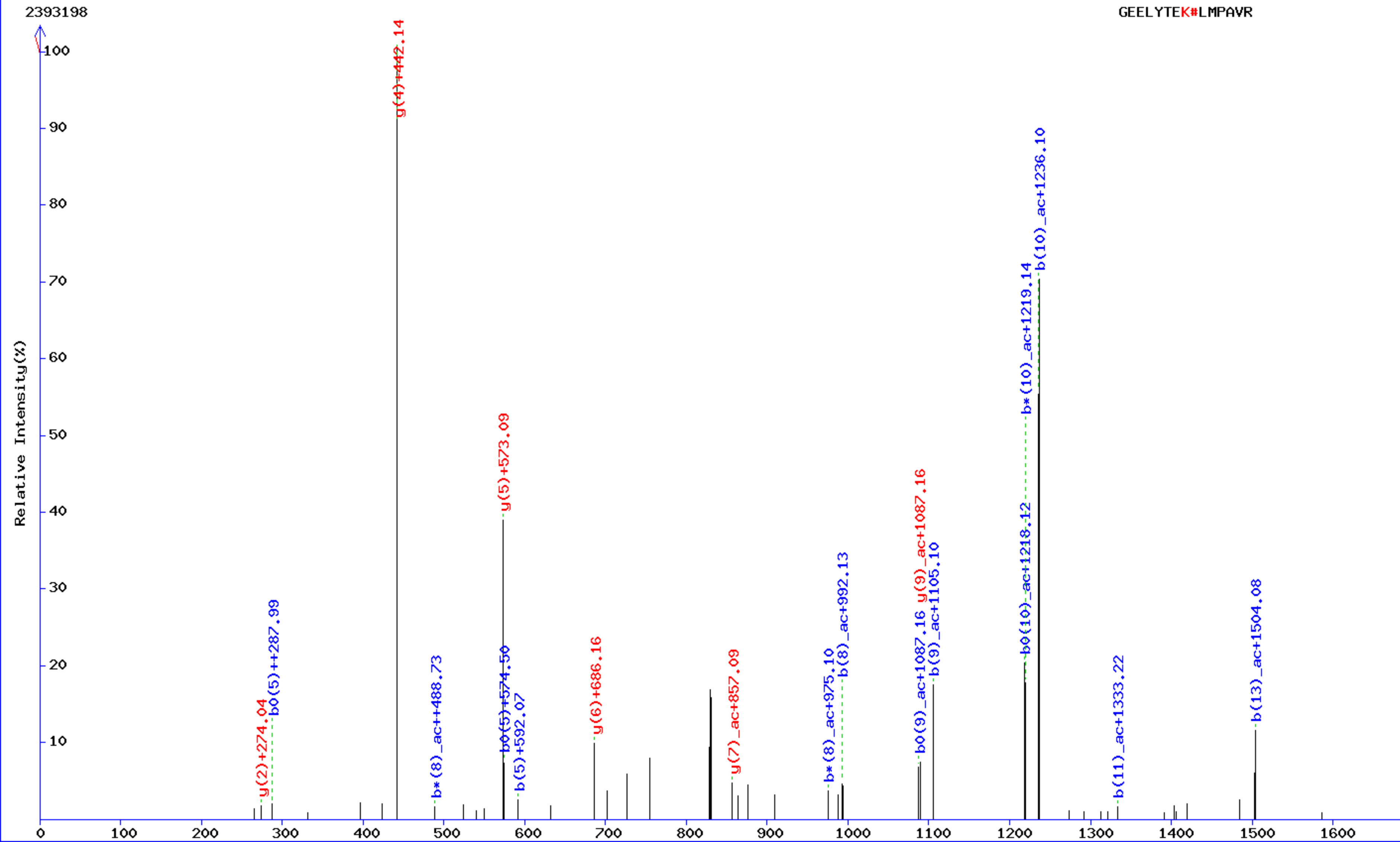


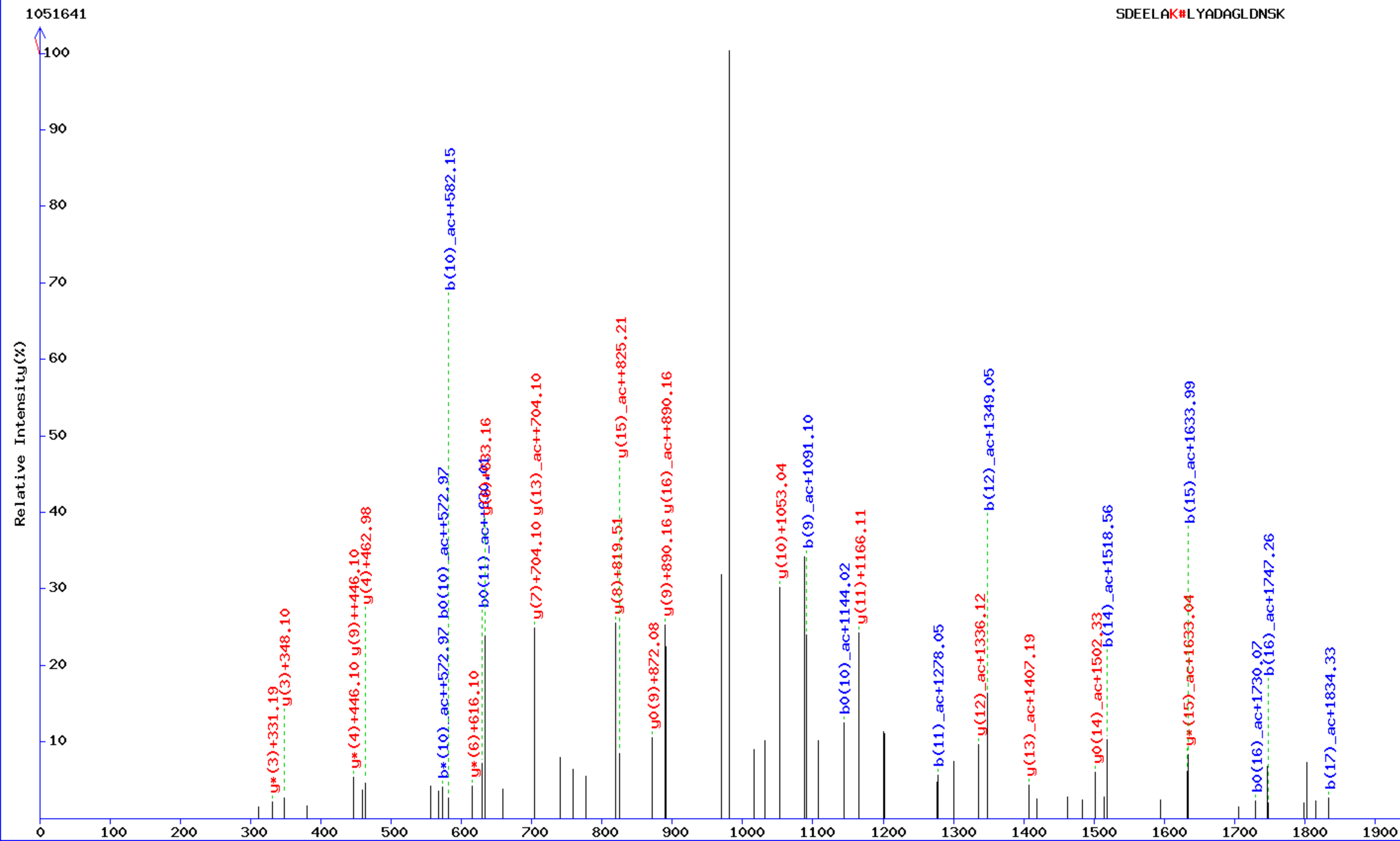




# gi|148660172 MRA\_0413 f420-dependent glucose-6-phosphate dehydrogenase Fgd1

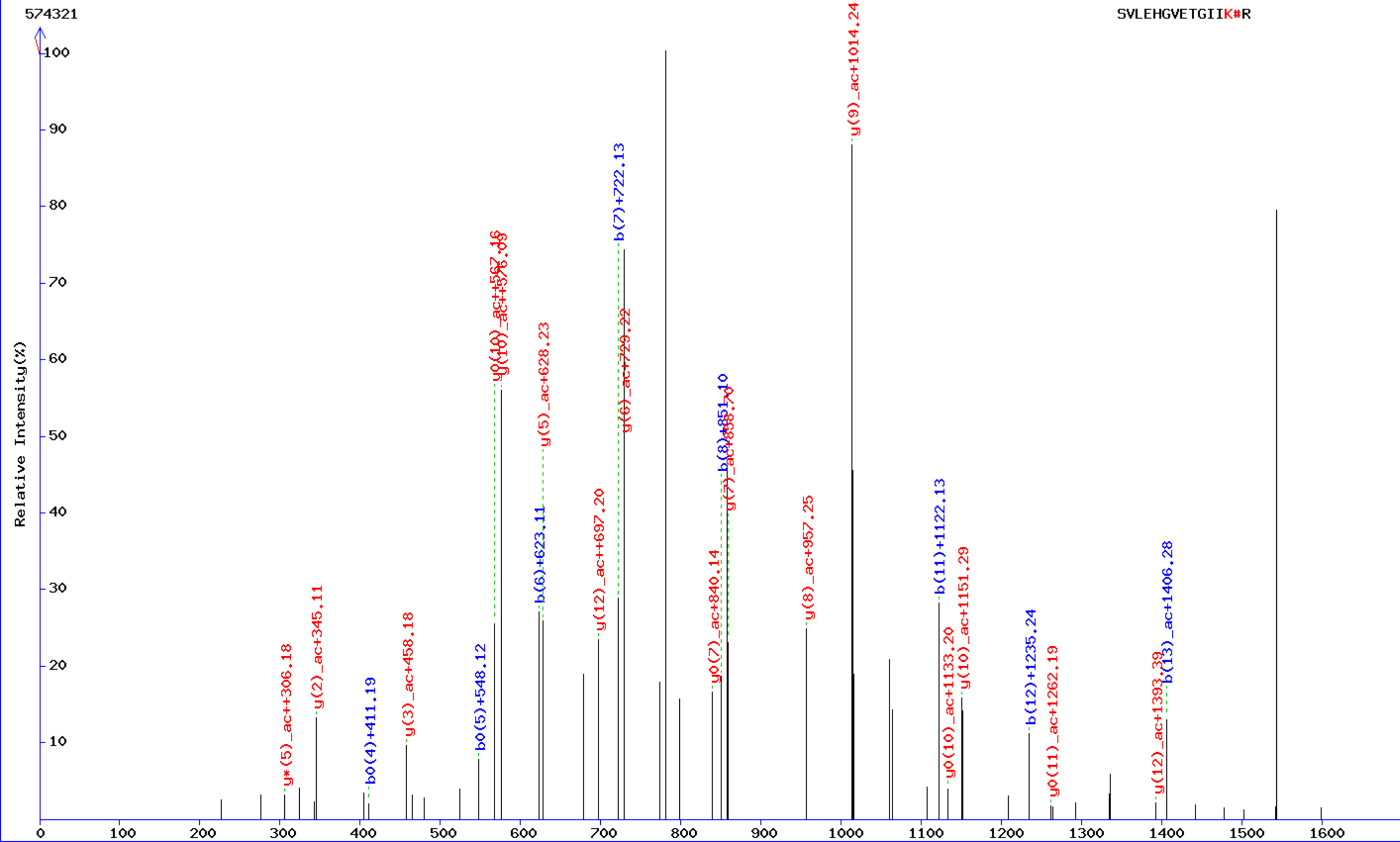
GEELYTEK#LMPAVR

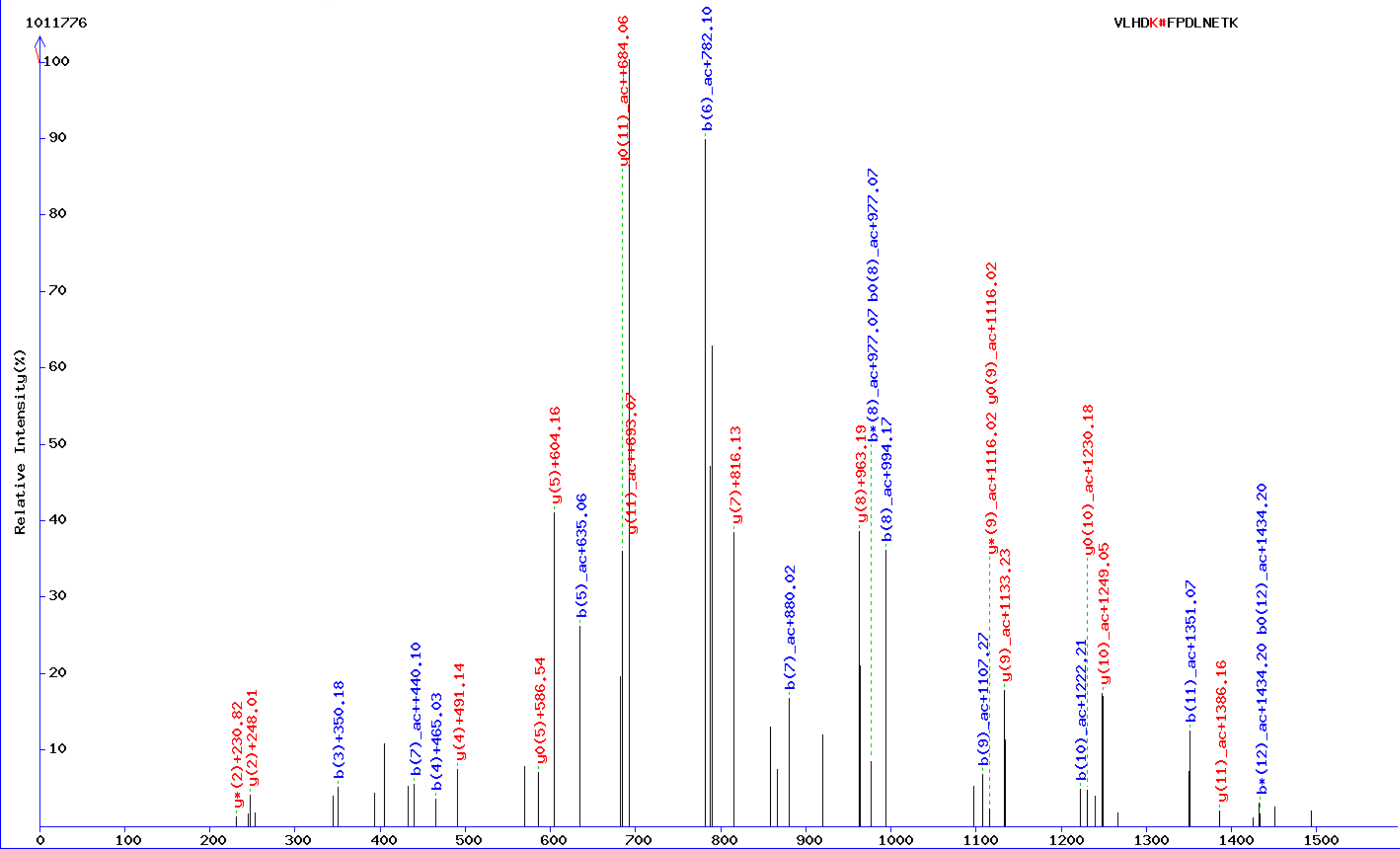




# gi|148662013 MRA\_2212 ubiquinol-cytochrome C reductase QcrB

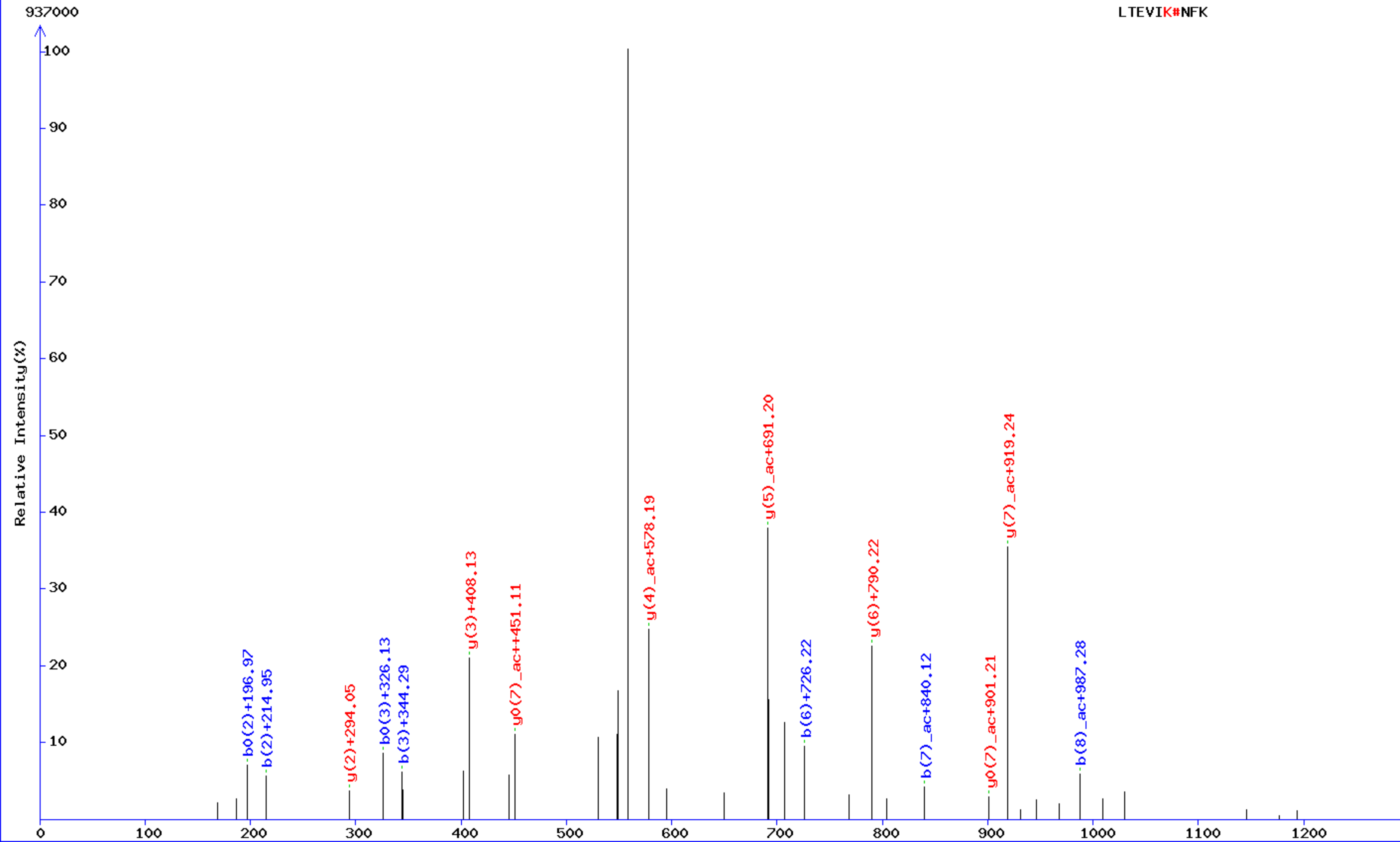
SVLEHGVETGIIK#R



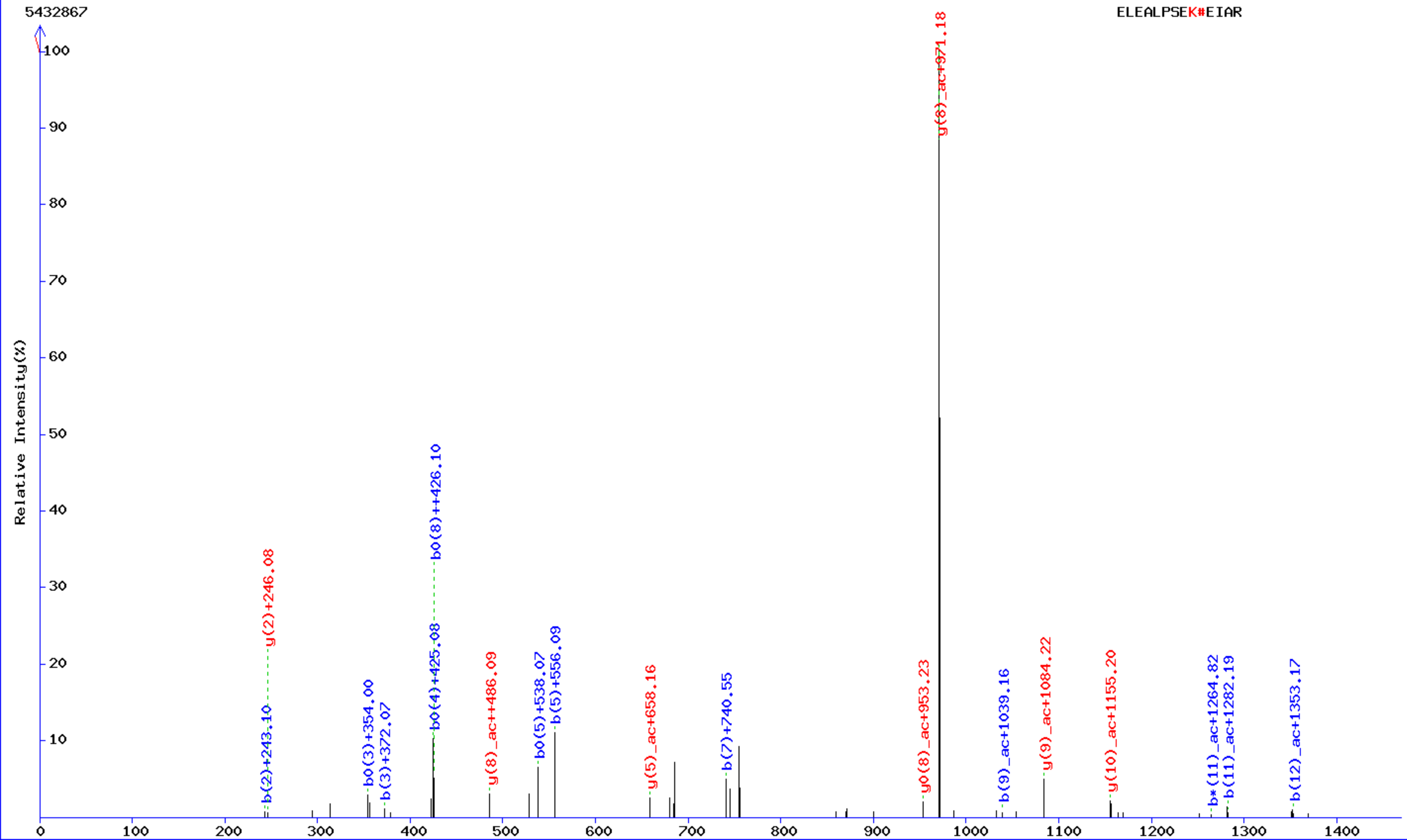


# gi|148661096 MRA\_1316 ATP synthase F0F1 subunit alpha

LTEVIK#NFK

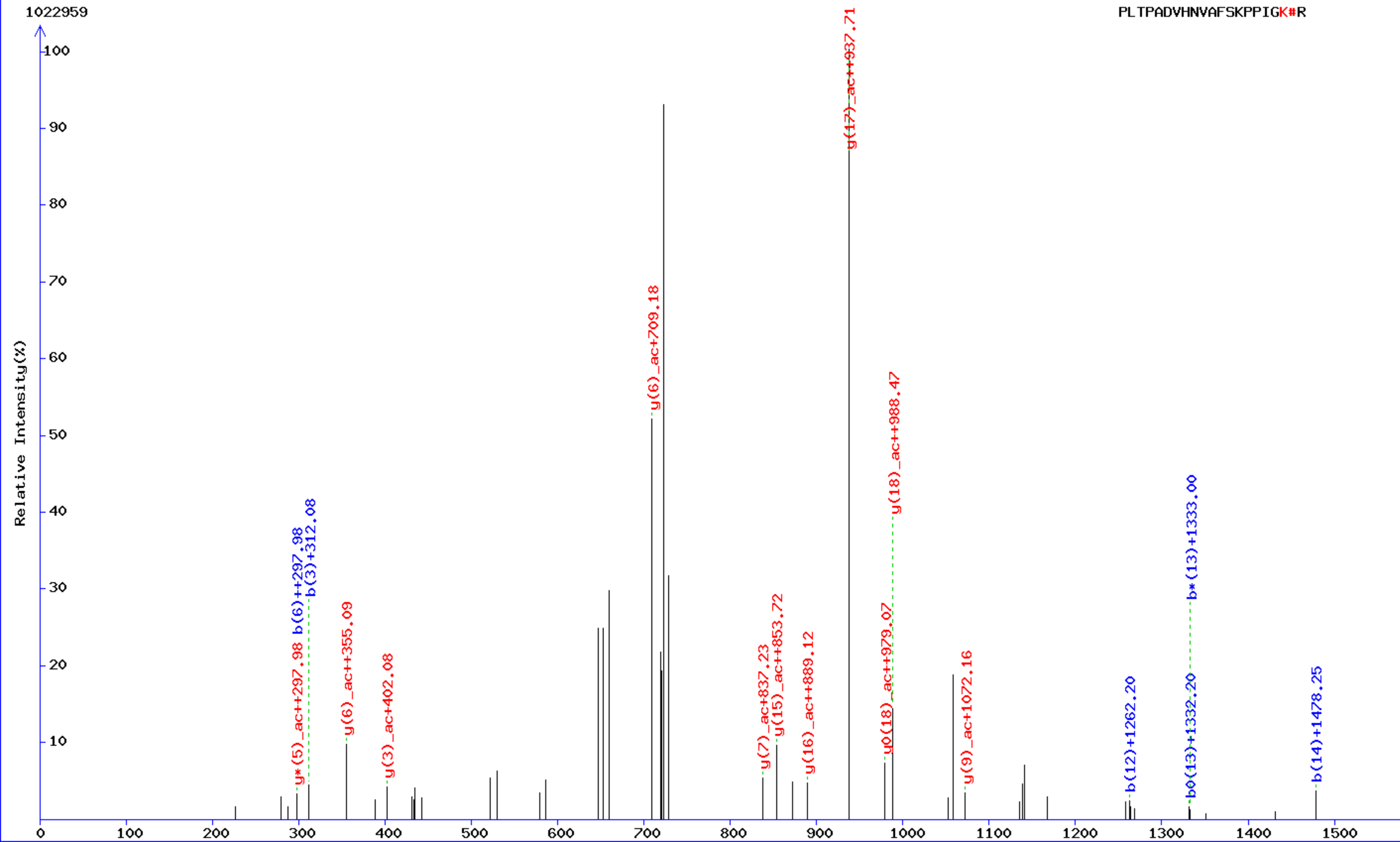


# gi|148662311 MRA\_2501 NAD-dependent glutamate dehydrogenase Gdh



# gi|148661961 MRA\_2160 hypothetical protein

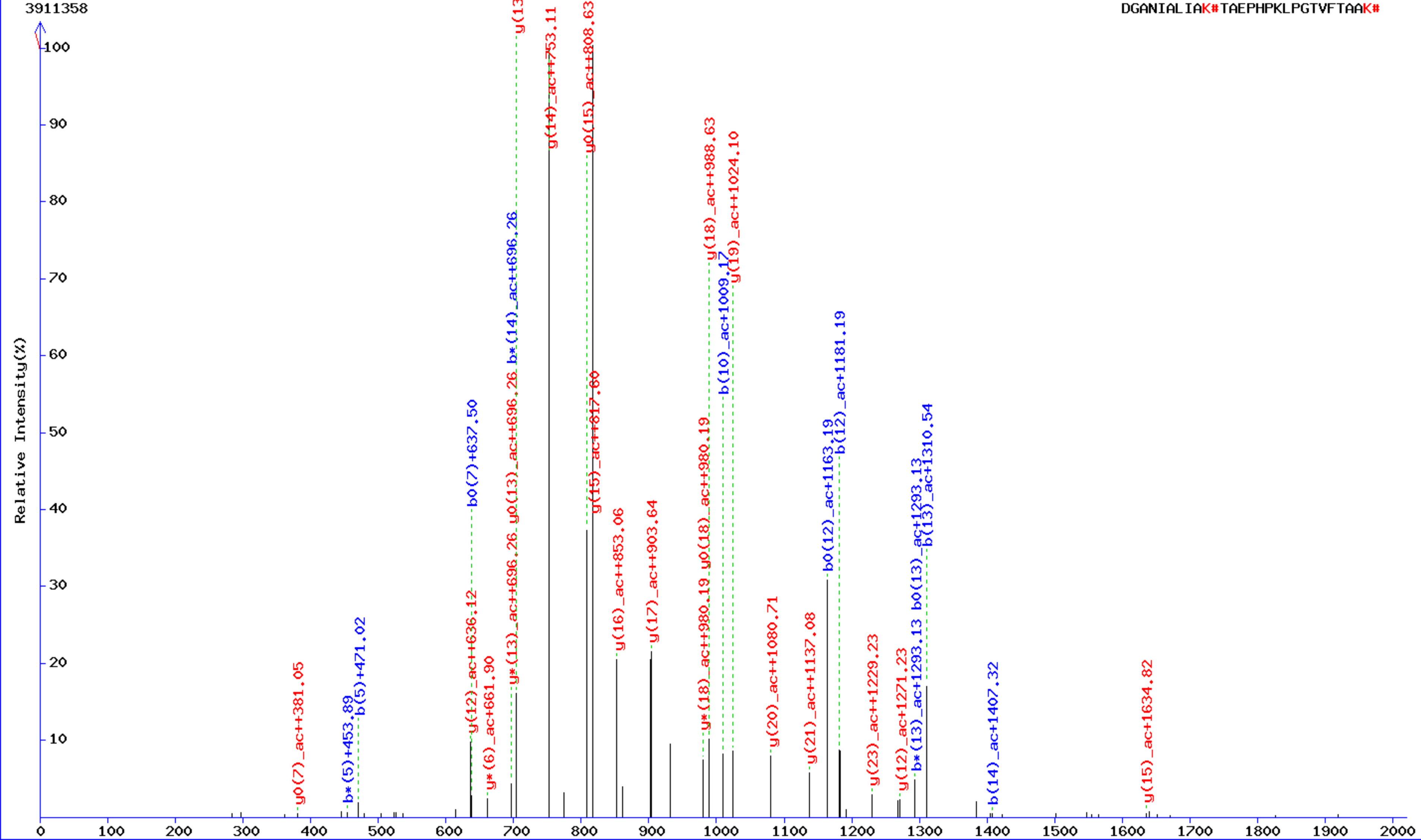
PLTPADVHNVAFSKPPIGK#R





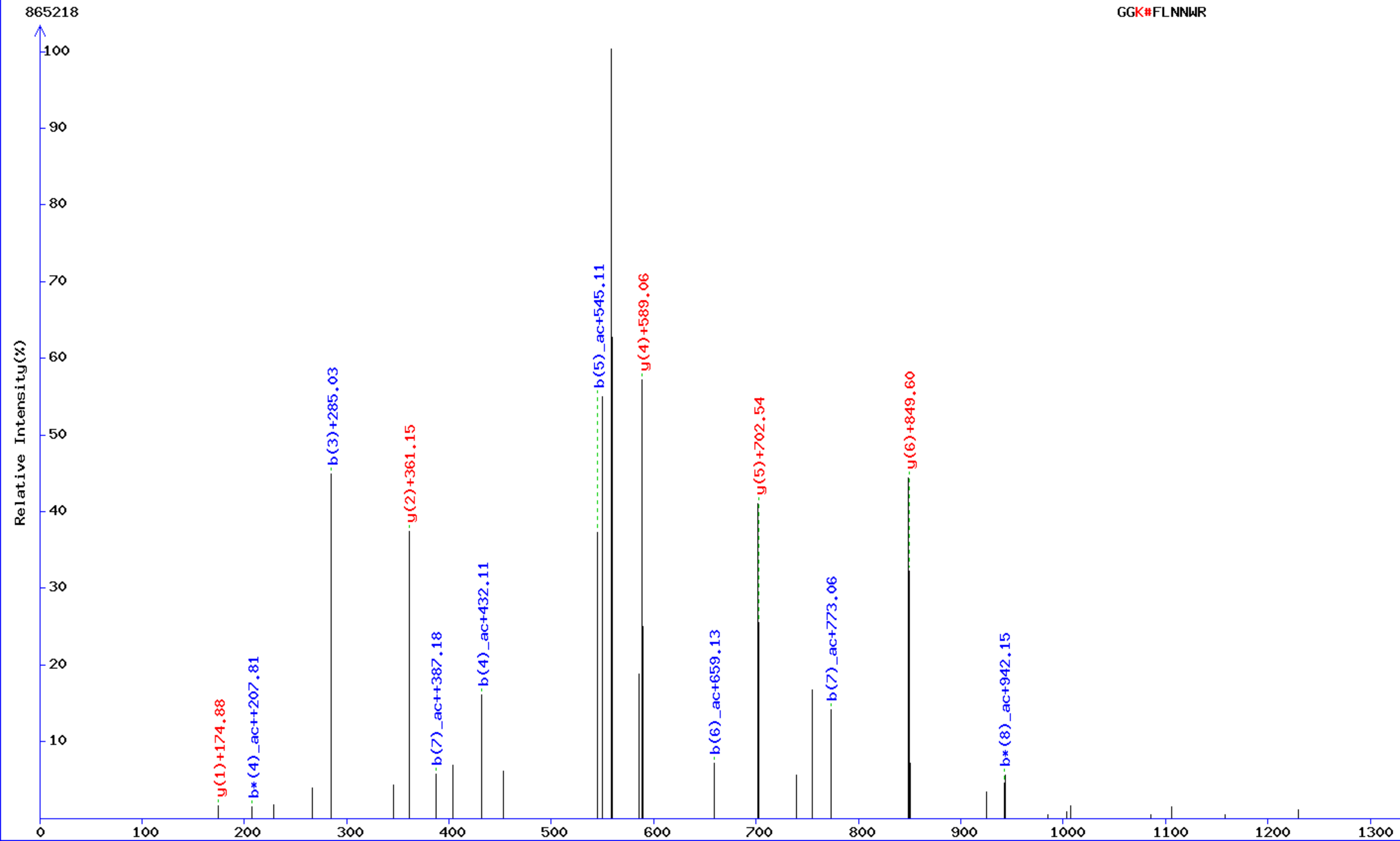
# gi|148663086 MRA\_3264 short chain dehydrogenase

DGANIALIAK#TAEPHPKLPGTVFTAAK#



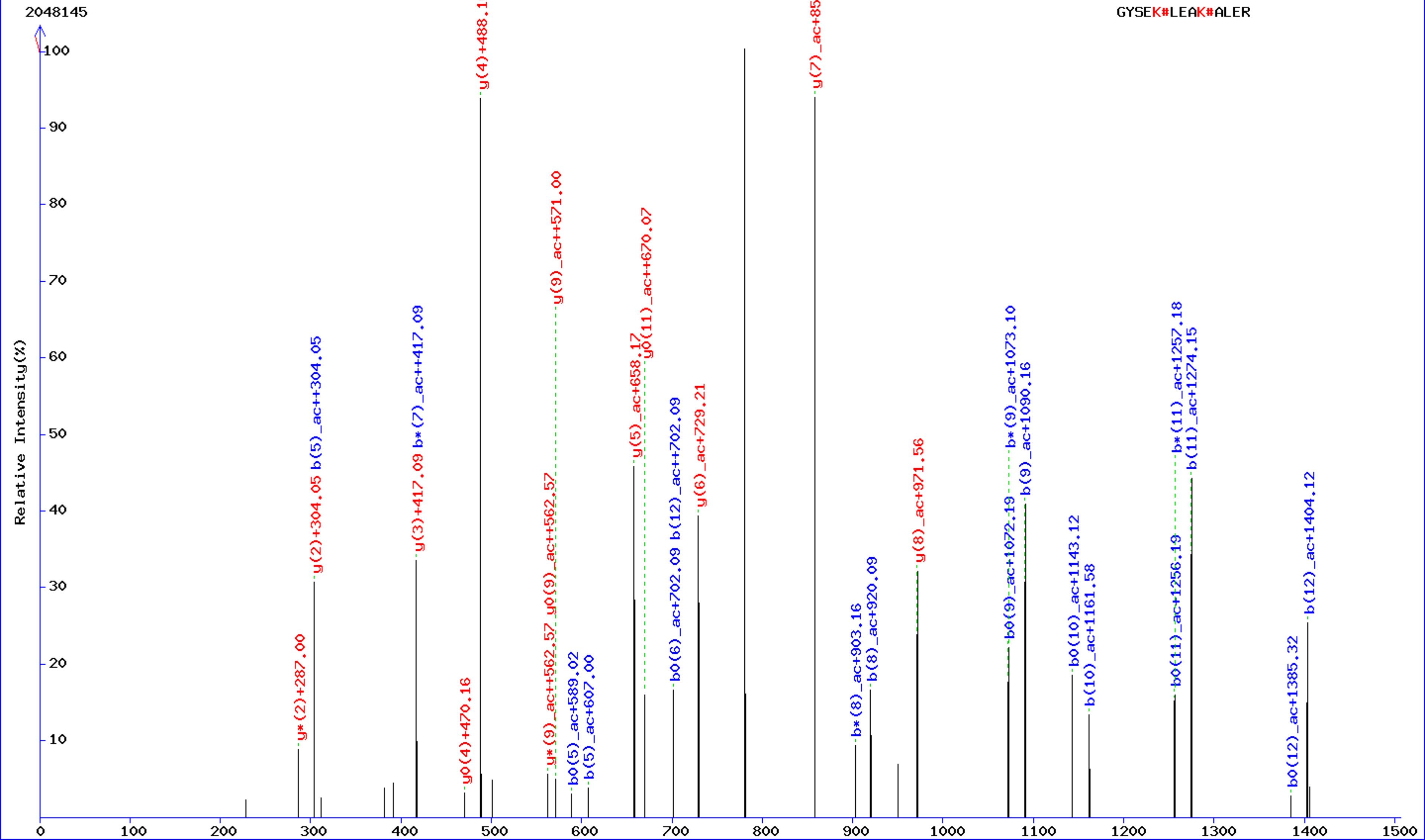
# gi|148660013 MRA\_0257 succinate dehydrogenase flavoprotein subunit

GGK#FLNNWR



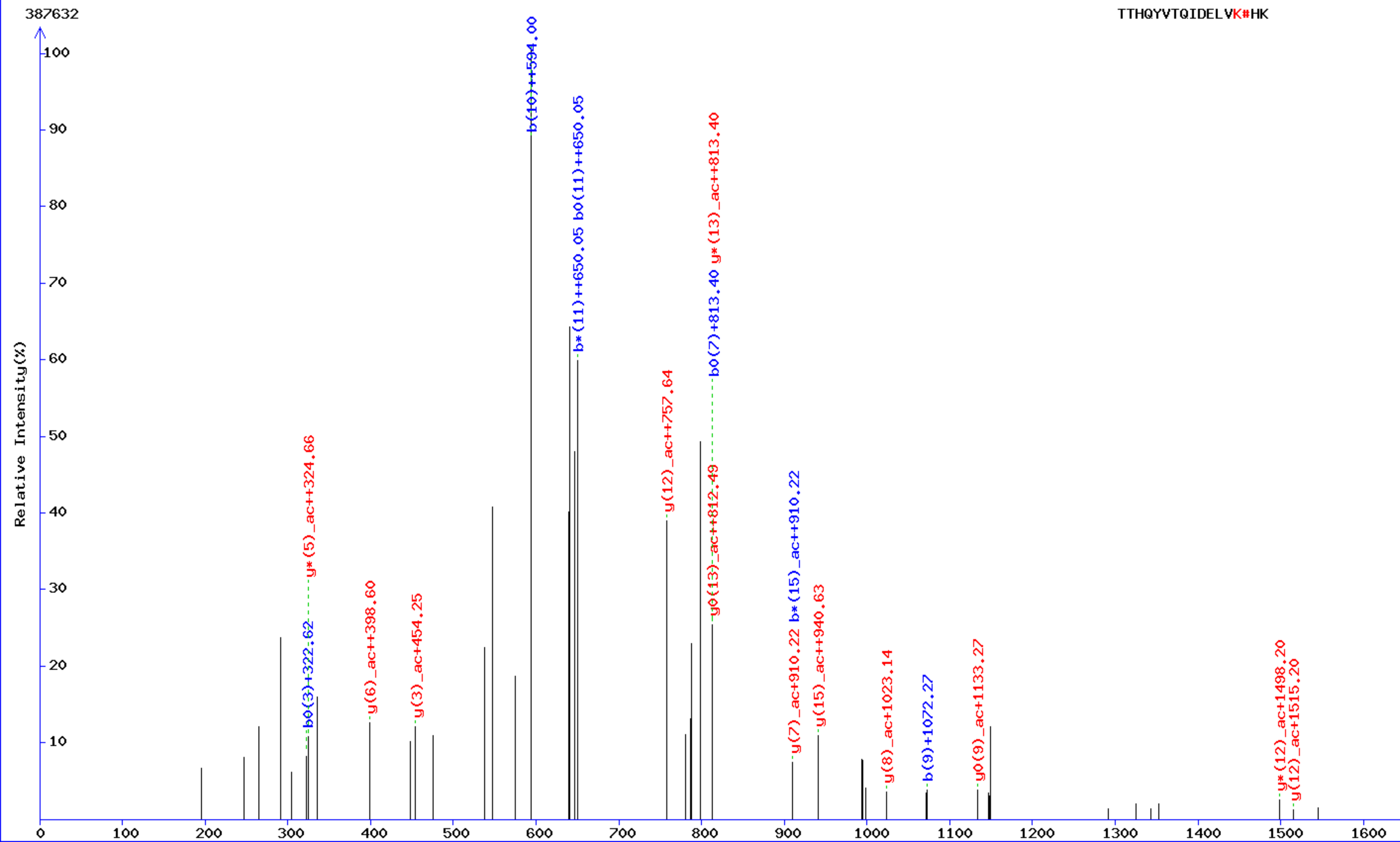
# gi|148660637 MRA\_0868 fatty oxidation complex subunit alpha

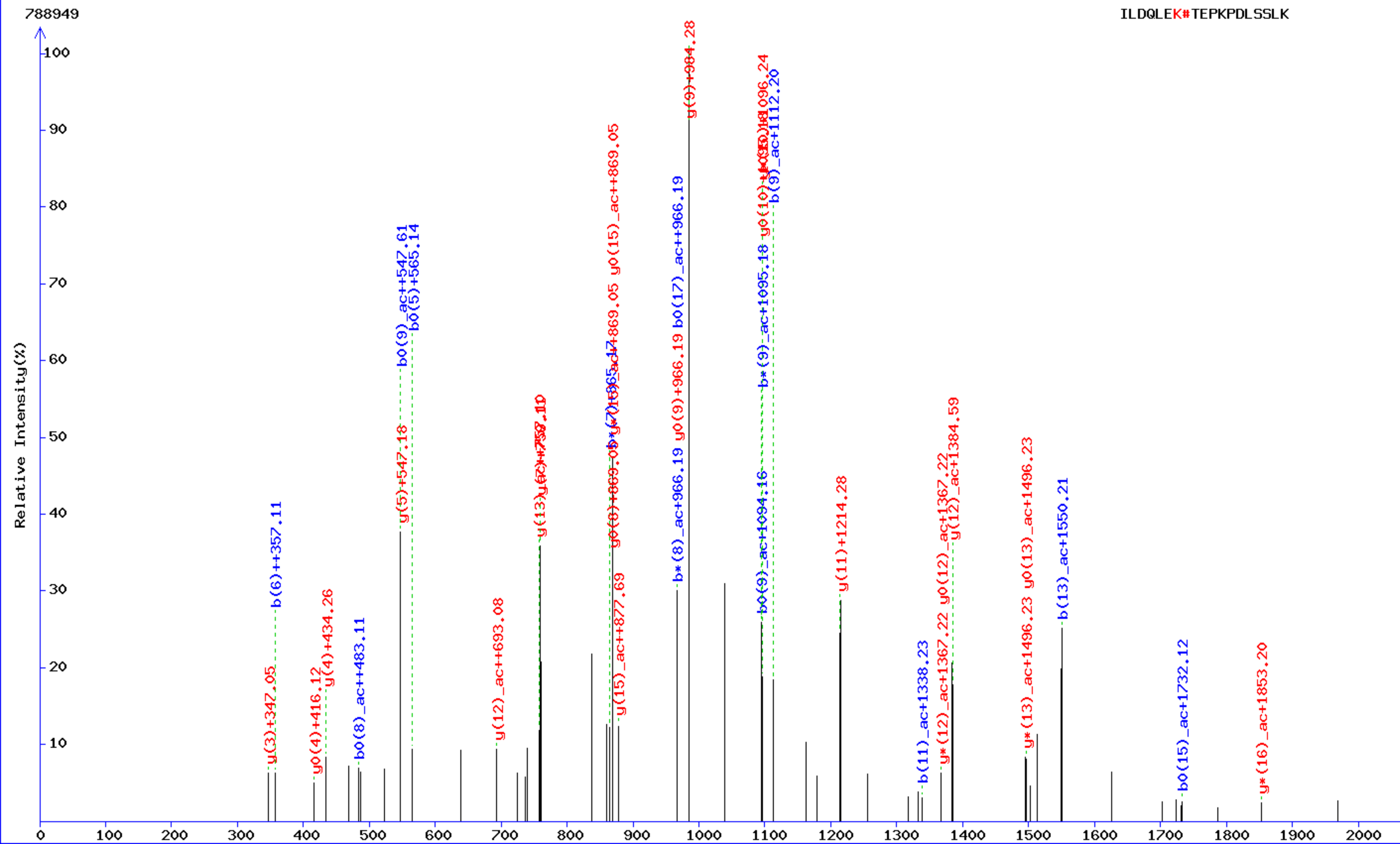
GYSEK#LEAK#ALER



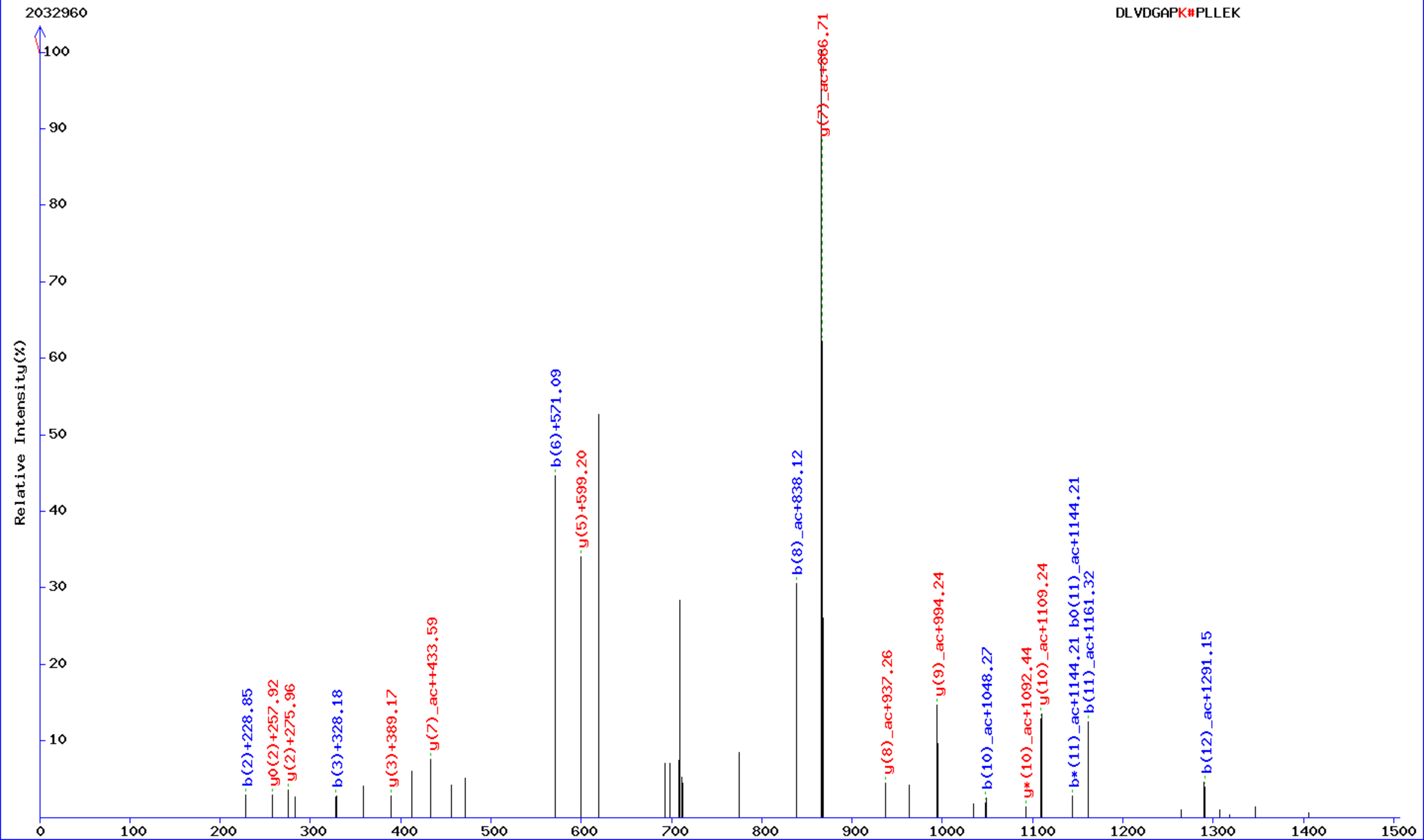
# gi|148662726 MRA\_2907 ribosome recycling factor

TTHQYVTQIDELVK#HK



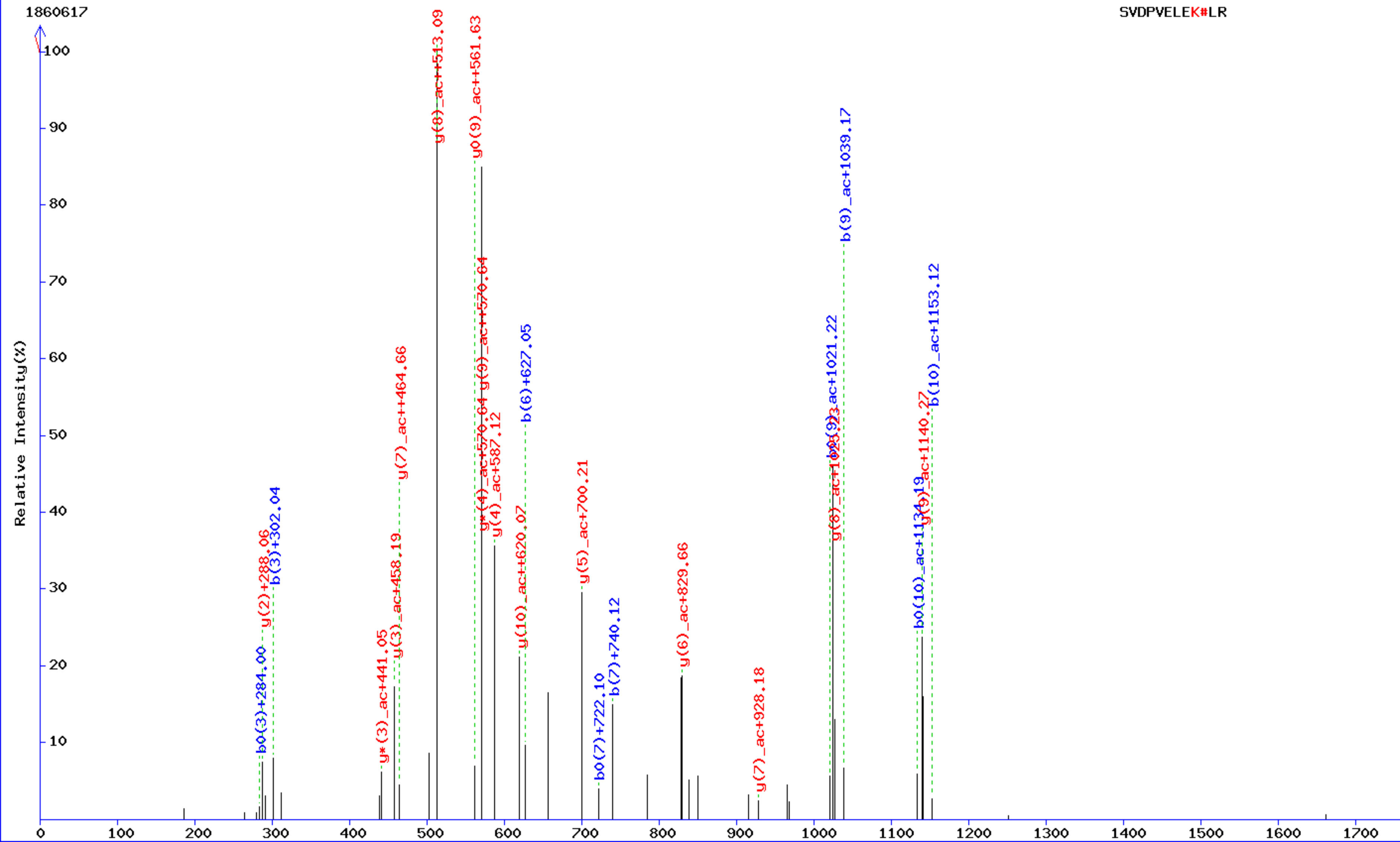


# gi|148660426 MRA\_0663 50S ribosomal protein L7/L12



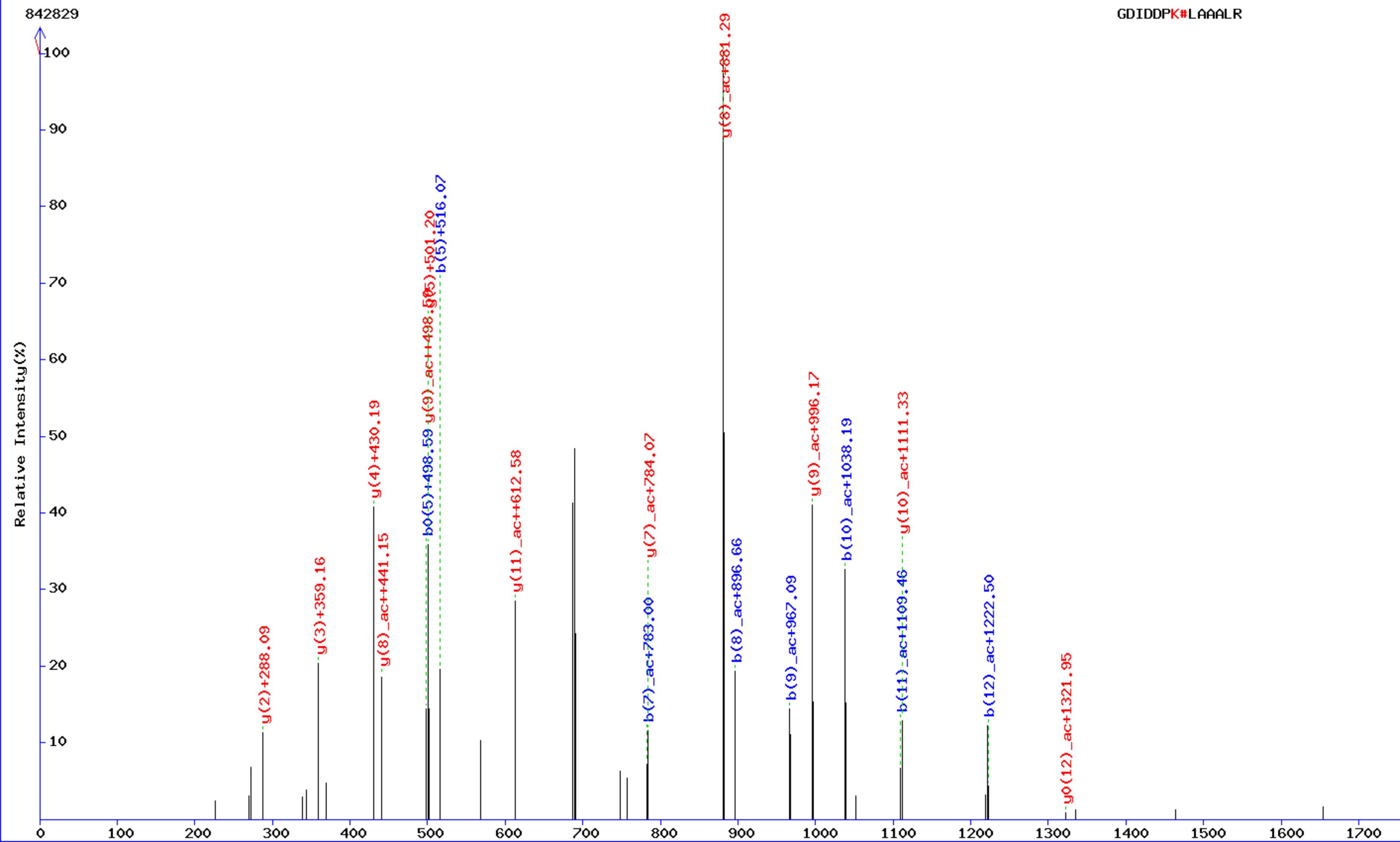
gi|148660602 MRA\_0834 fatty acid desaturase

SVDPVELEK#LR



# gi|148661273 MRA\_1490 hypothetical protein

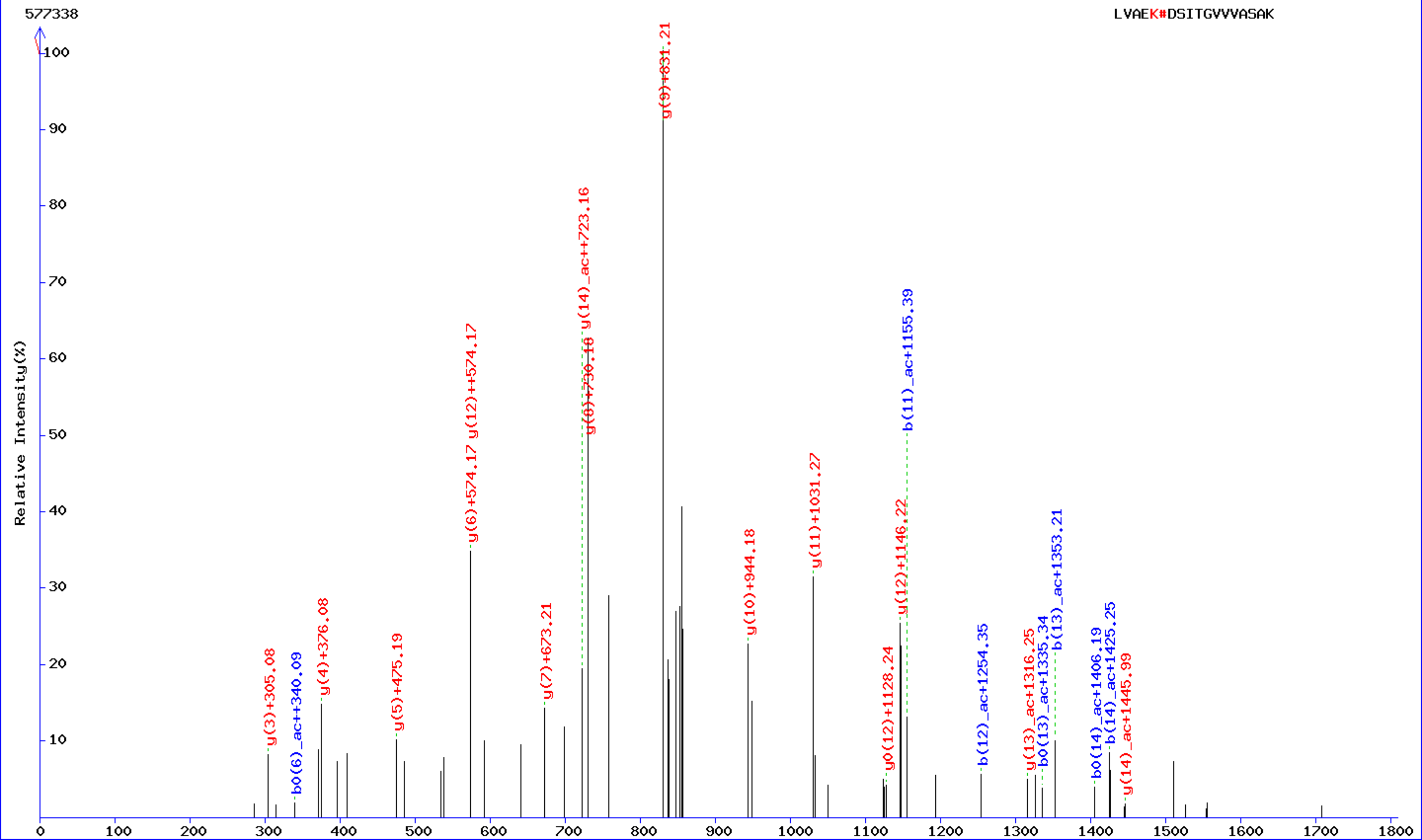
GDIDDPK#LAAALR

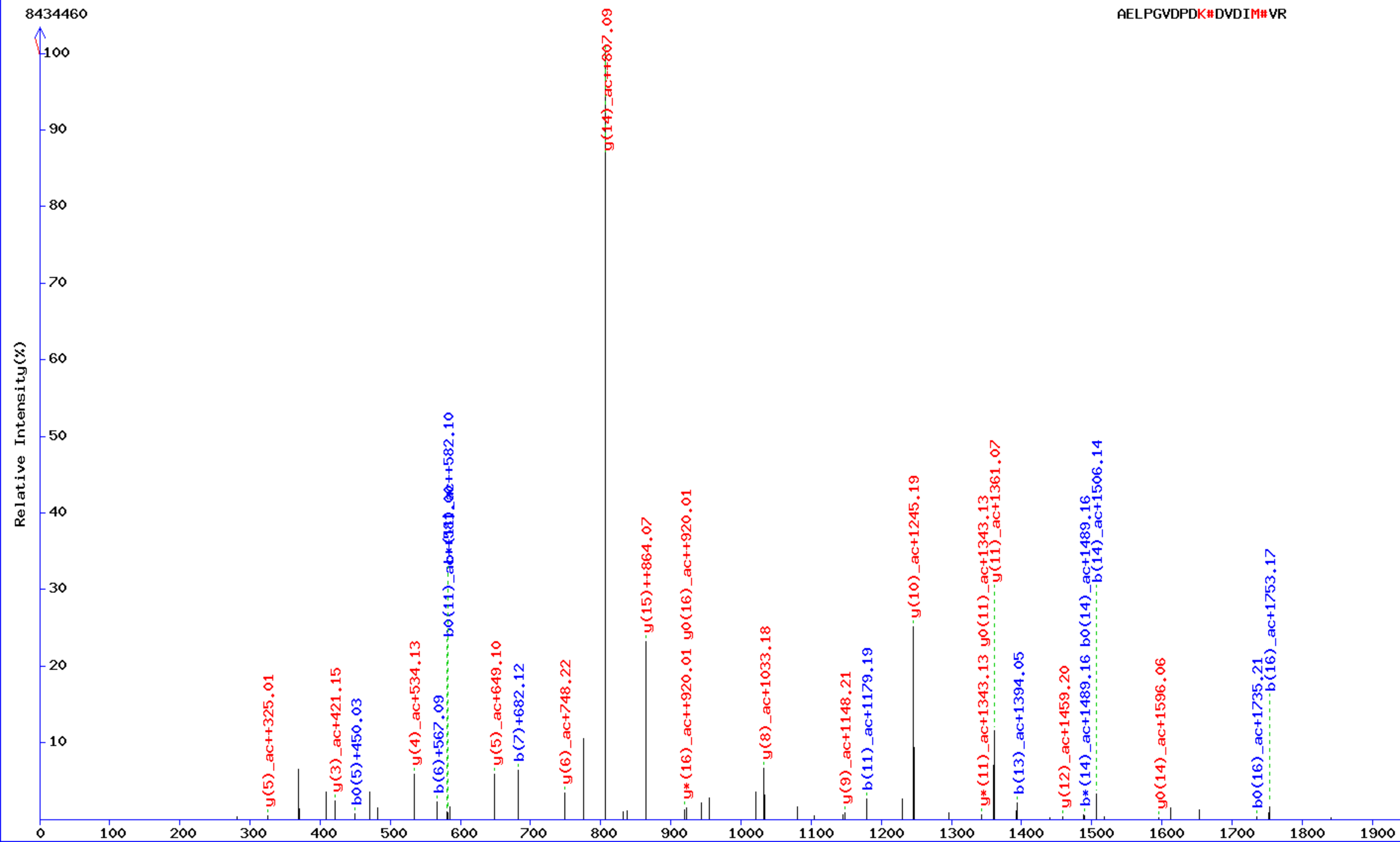




# gi|148660637 MRA\_0868 fatty oxidation complex subunit alpha

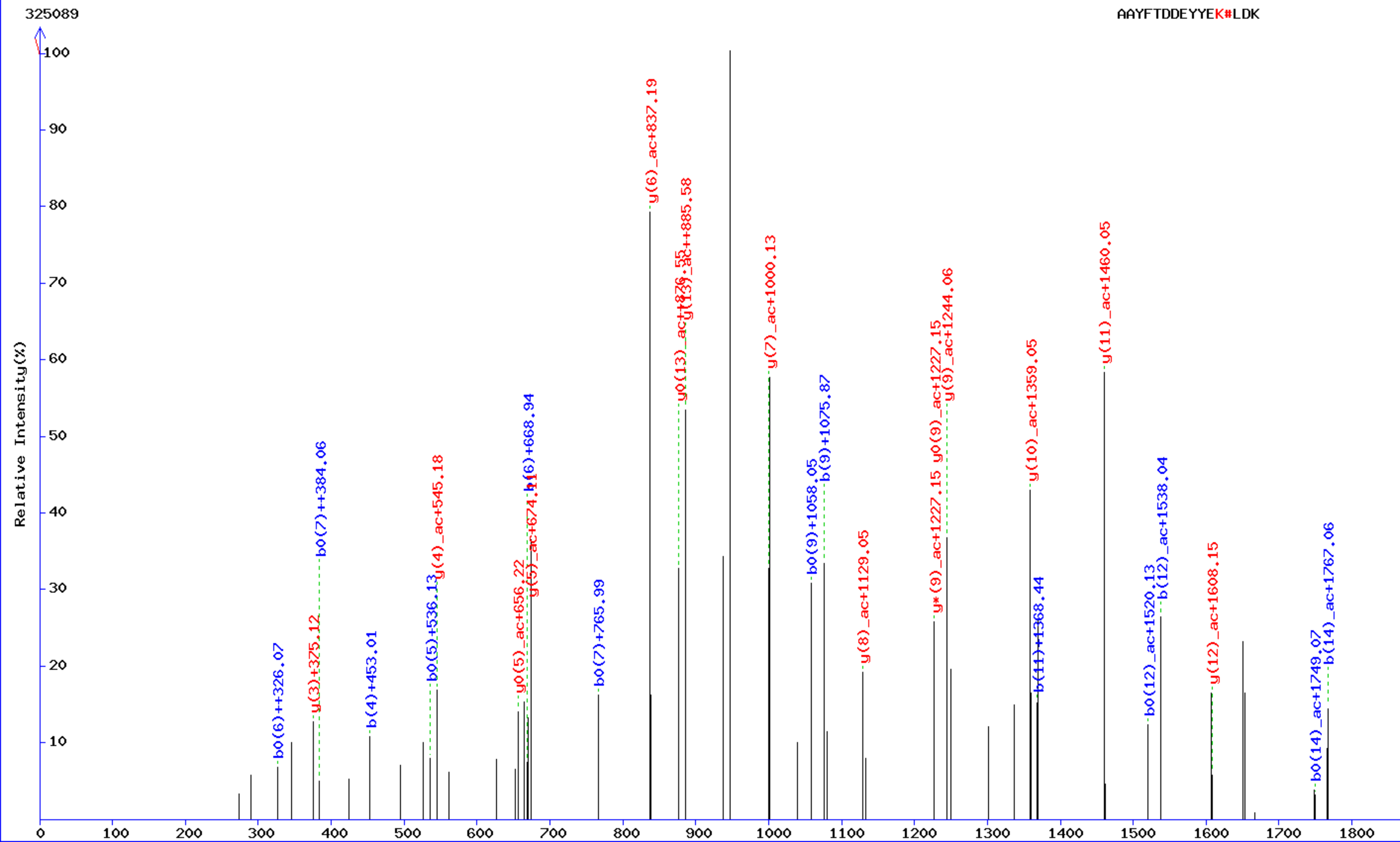
LVAEK#DSITGVVVASAK

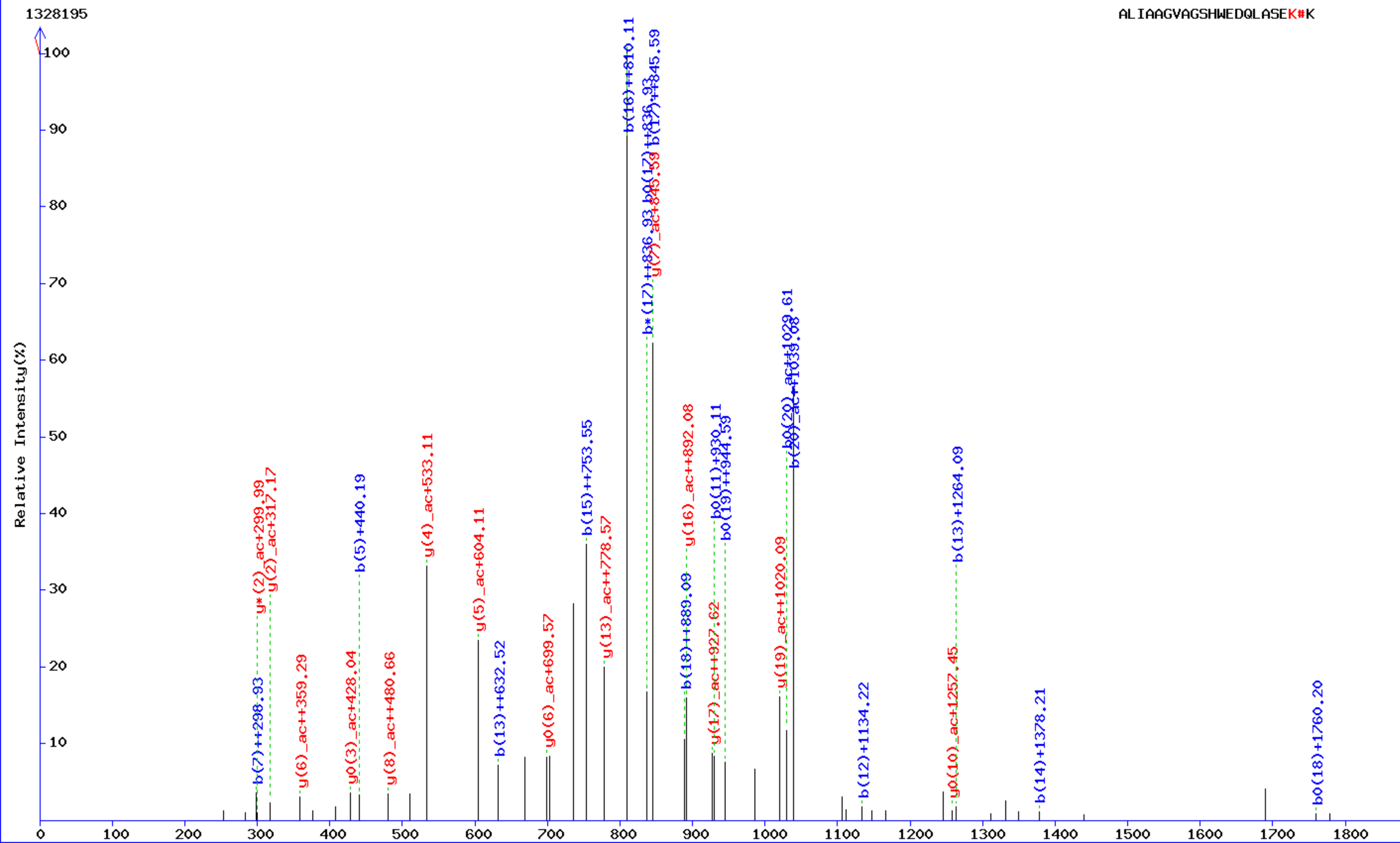




# gi|148663717 MRA\_3889 hypothetical protein

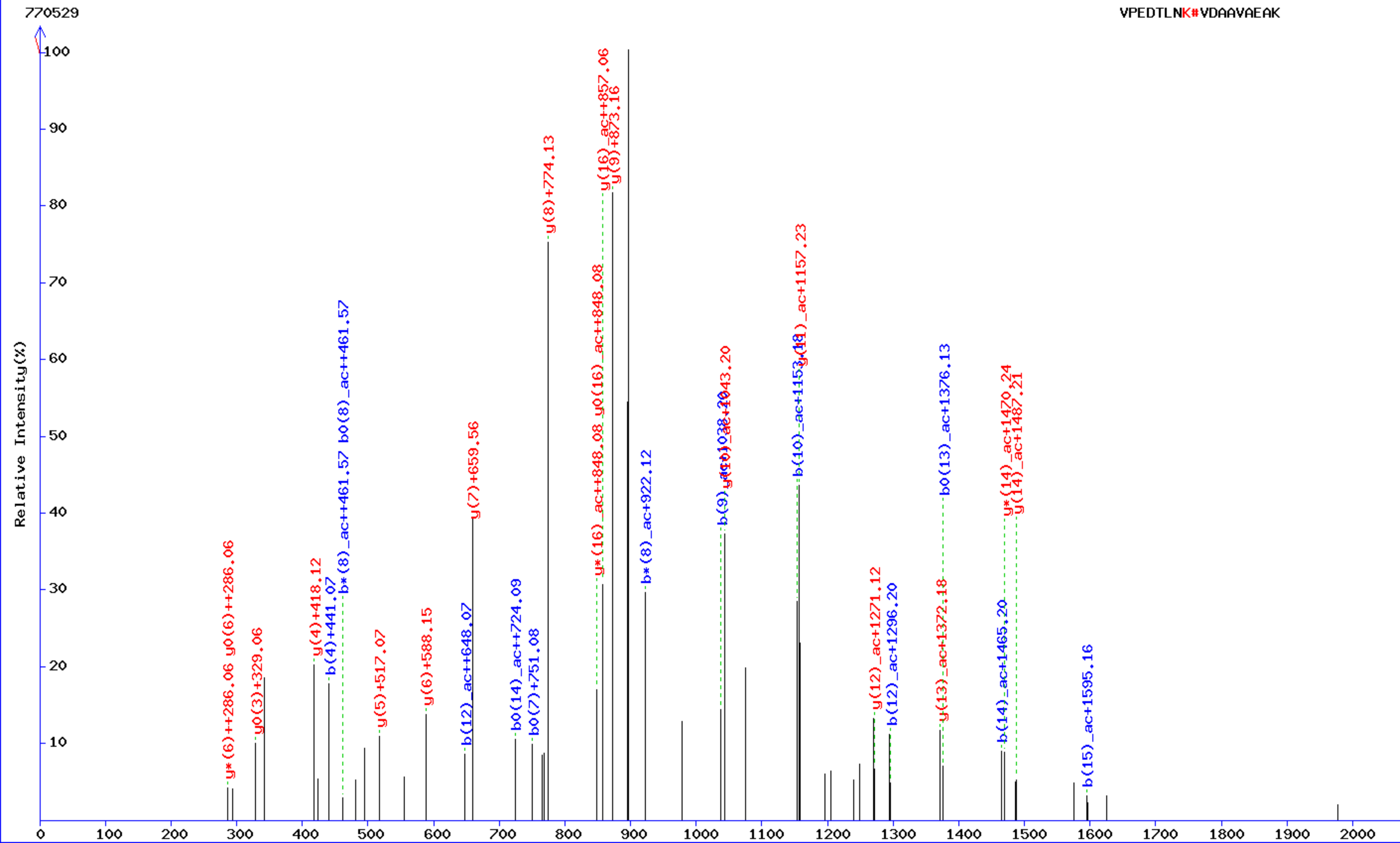
AAYFTDDEYYEK#LDK



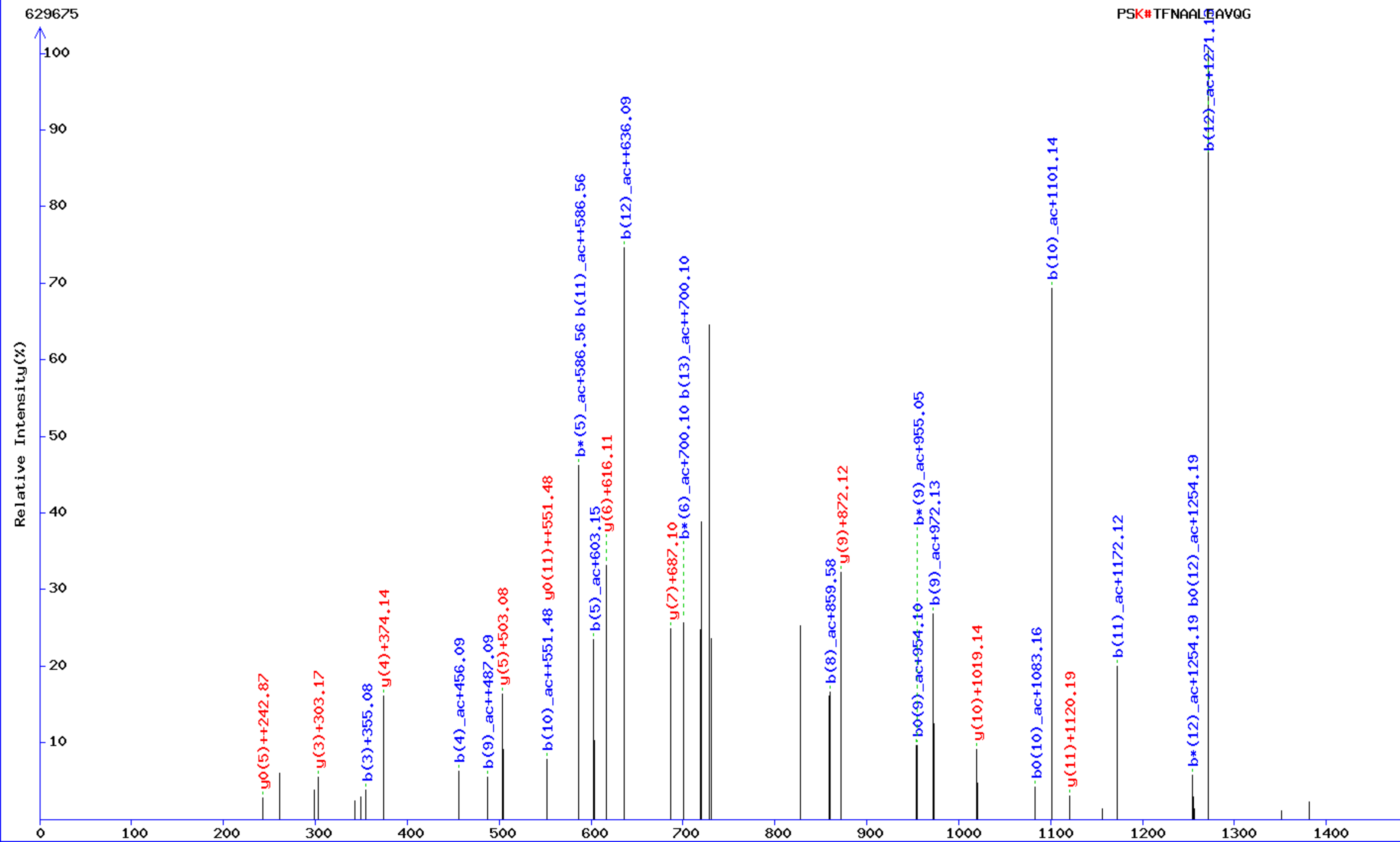


# gi|148660116 MRA\_0359 molecular chaperone DnaK

VPEDTLNK#VDAVAEAK

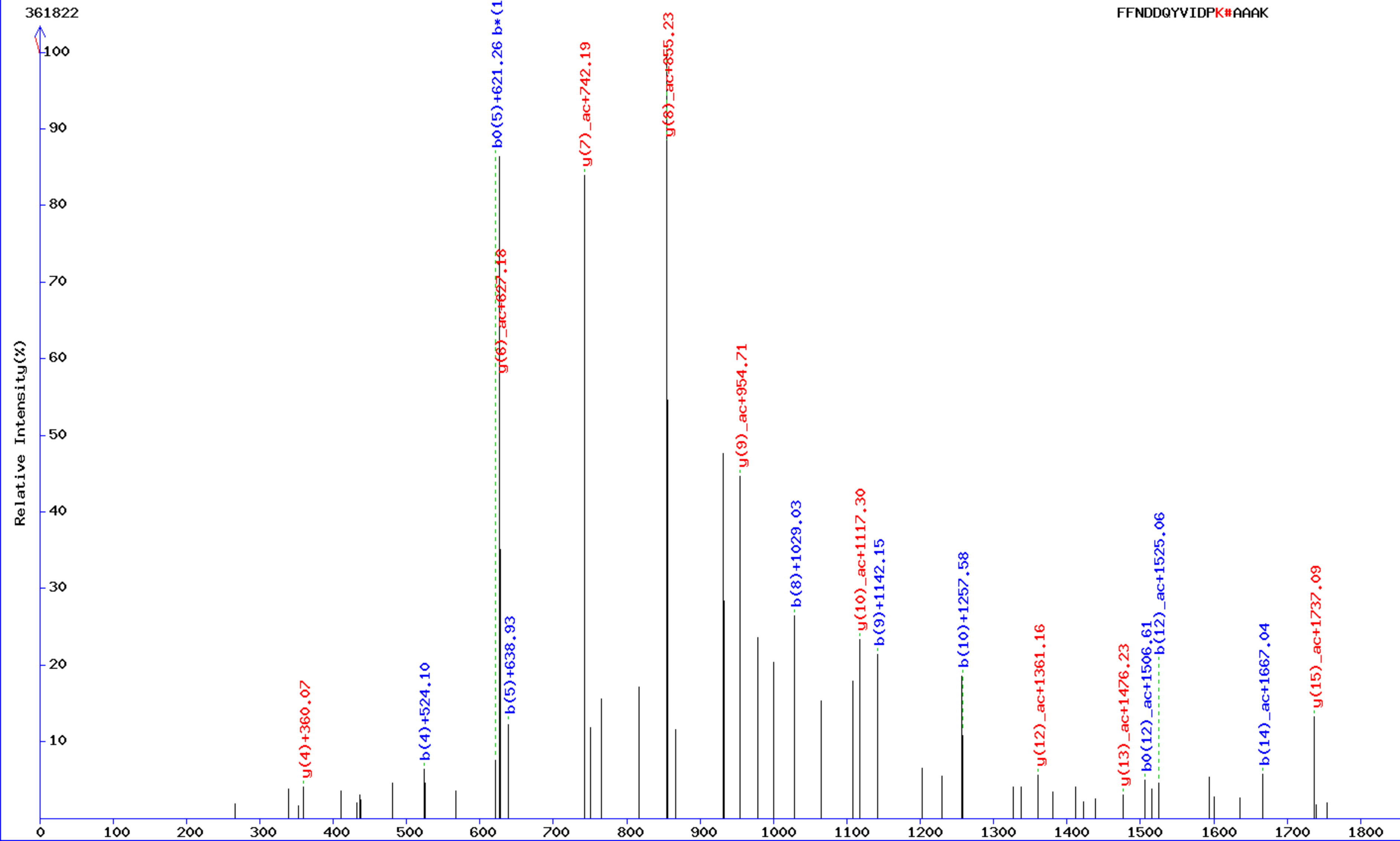


# gi|148659826 MRA\_0068 isocitrate dehydrogenase (NADP) Icd2



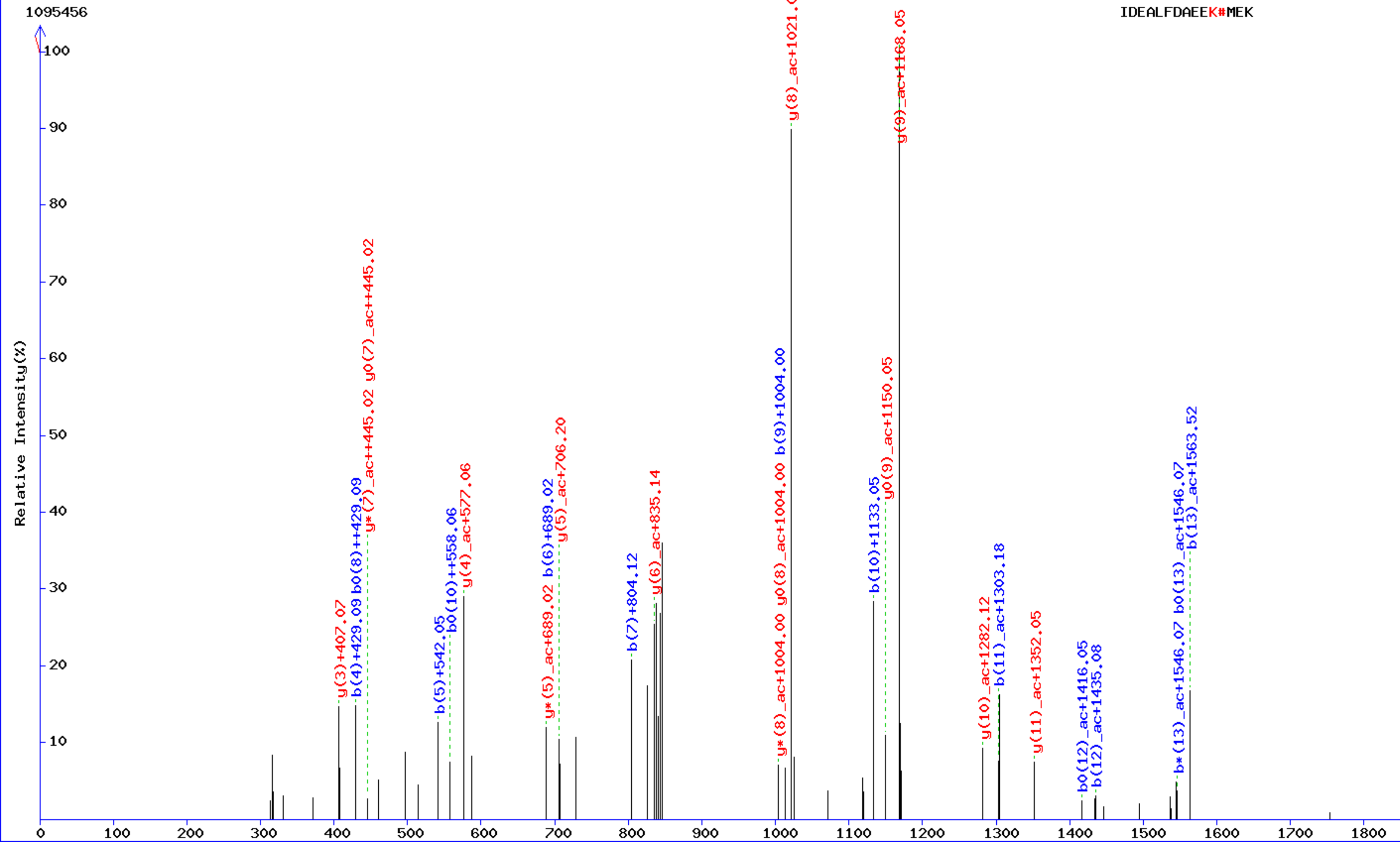
# gi|148662842 MRA\_3021 glutamyl-tRNA synthetase

FFNDDQYVIDPK#AAAK

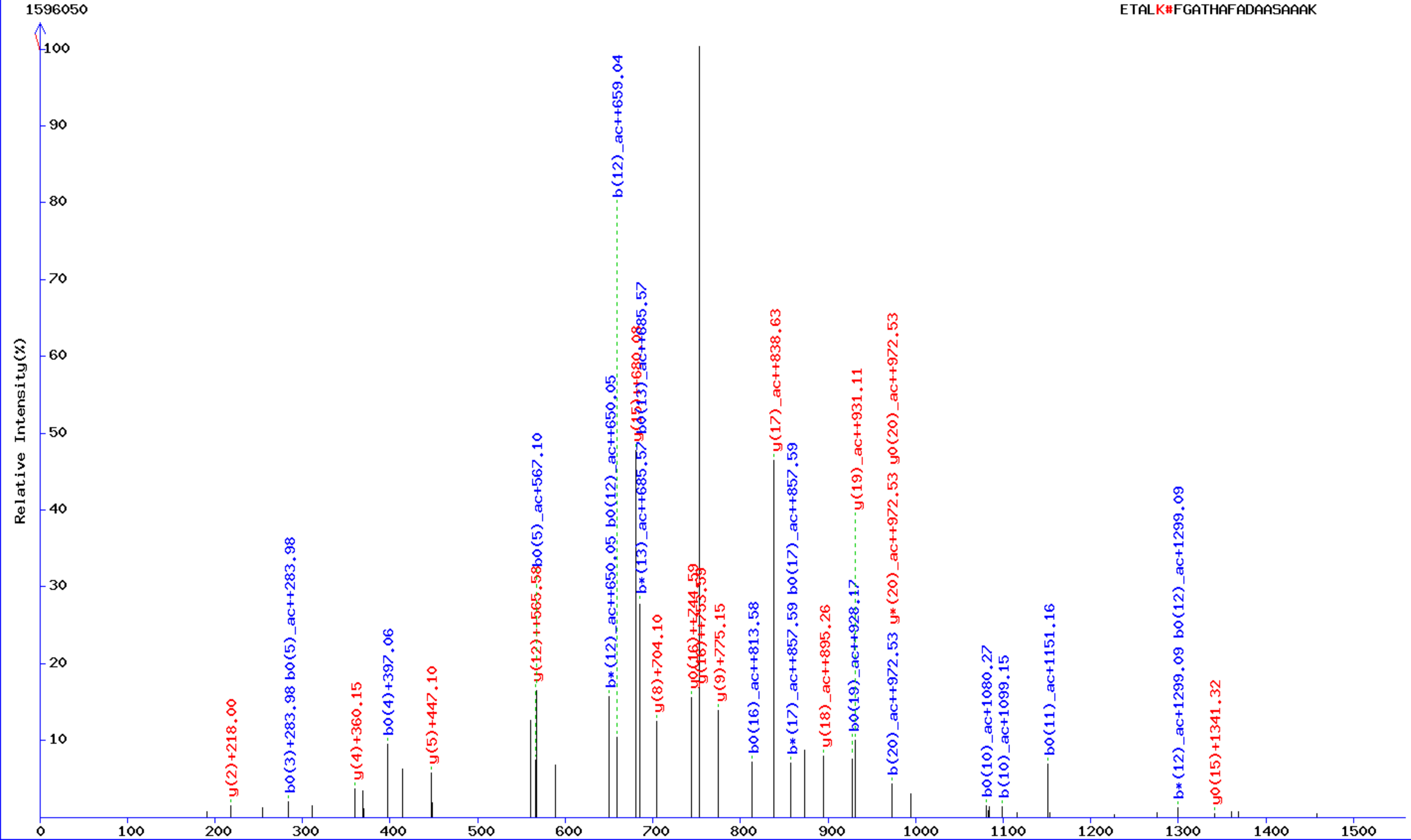


gi|148662726 MRA\_2907 ribosome recycling factor

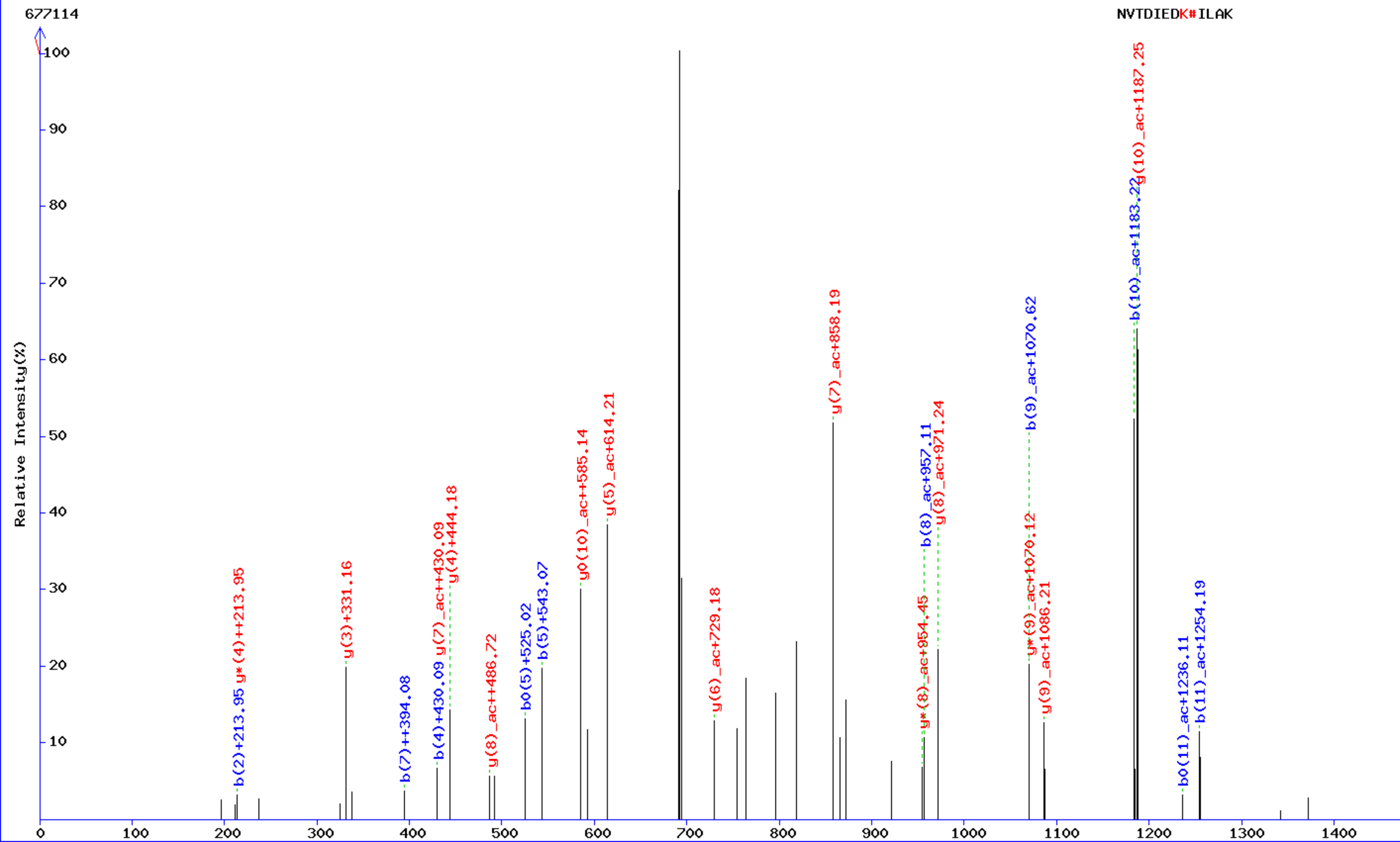
IDEALFDAEEK#MEK



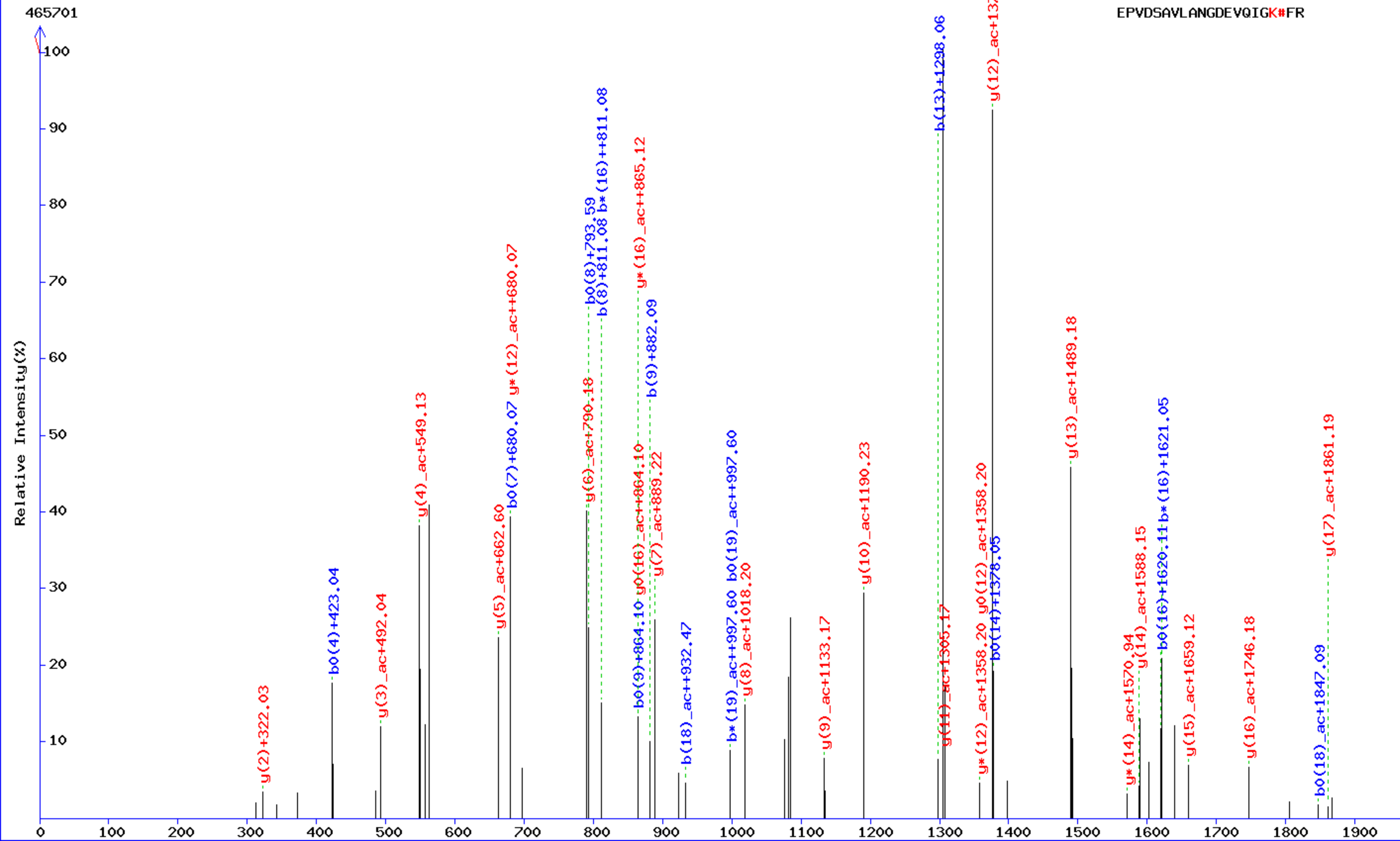


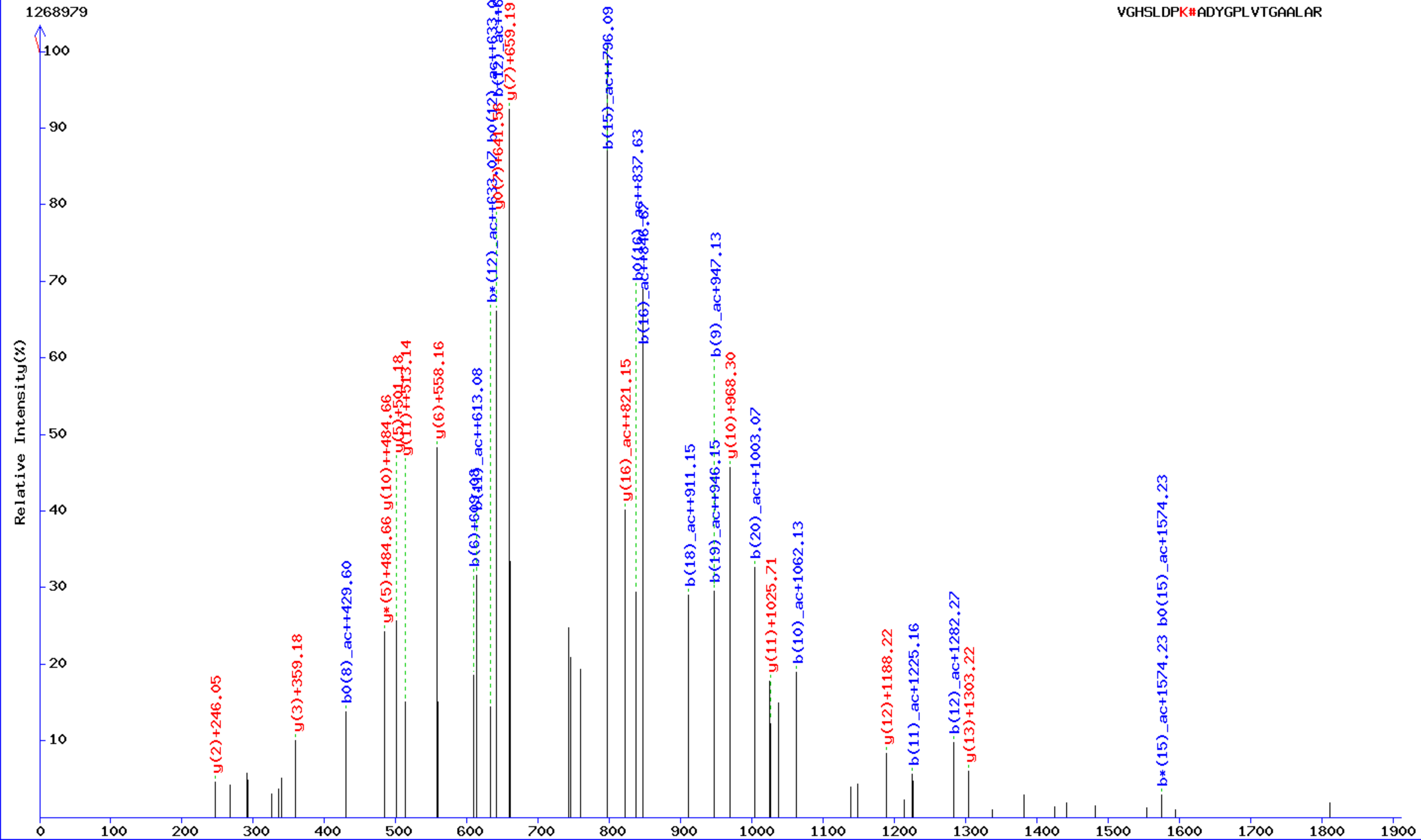


# gi|148663444 MRA\_3619 cysteinyl-tRNA synthetase



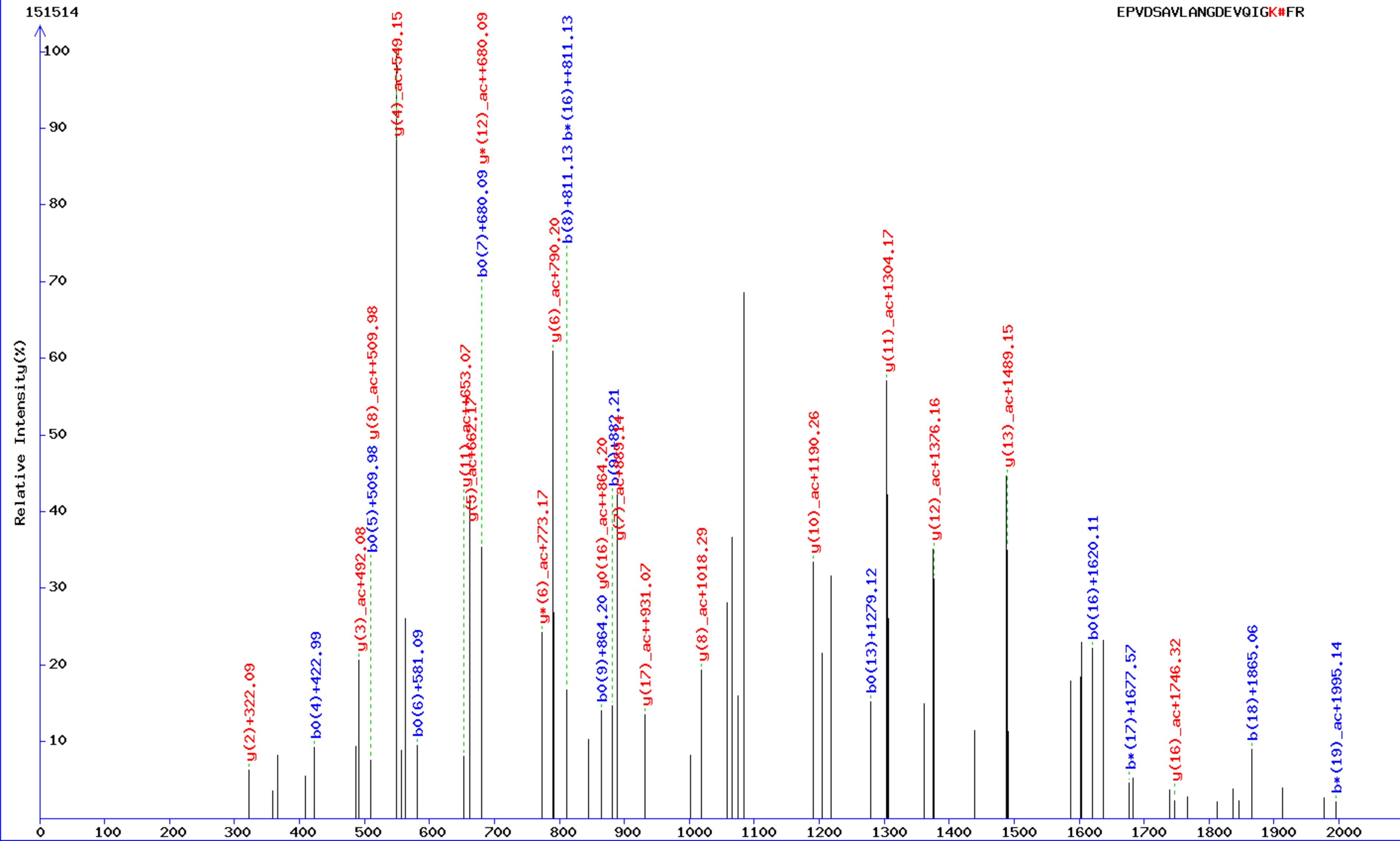
# gi|148661633 MRA\_1839 hypothetical protein

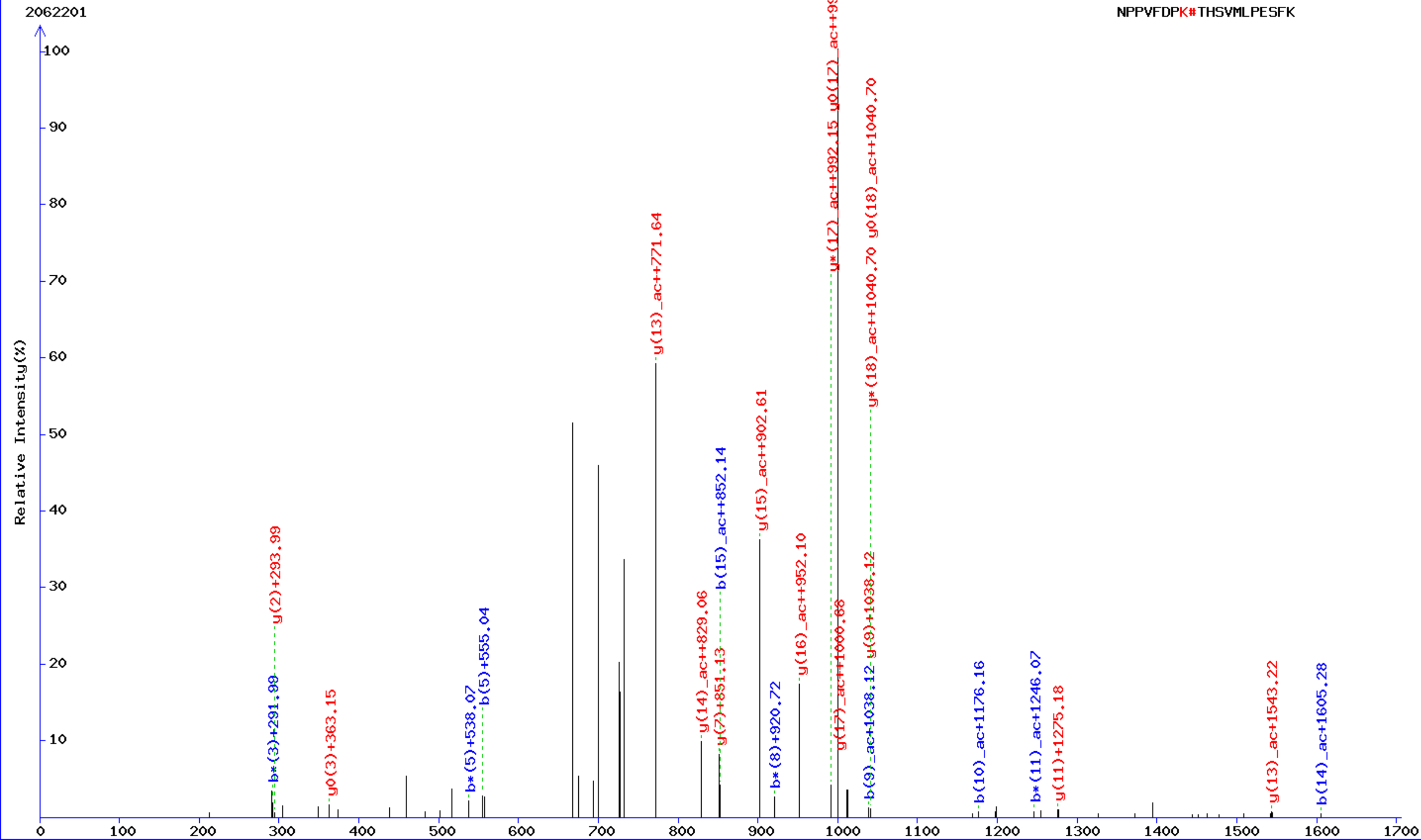




# gi|148661633 MRA\_1839 hypothetical protein

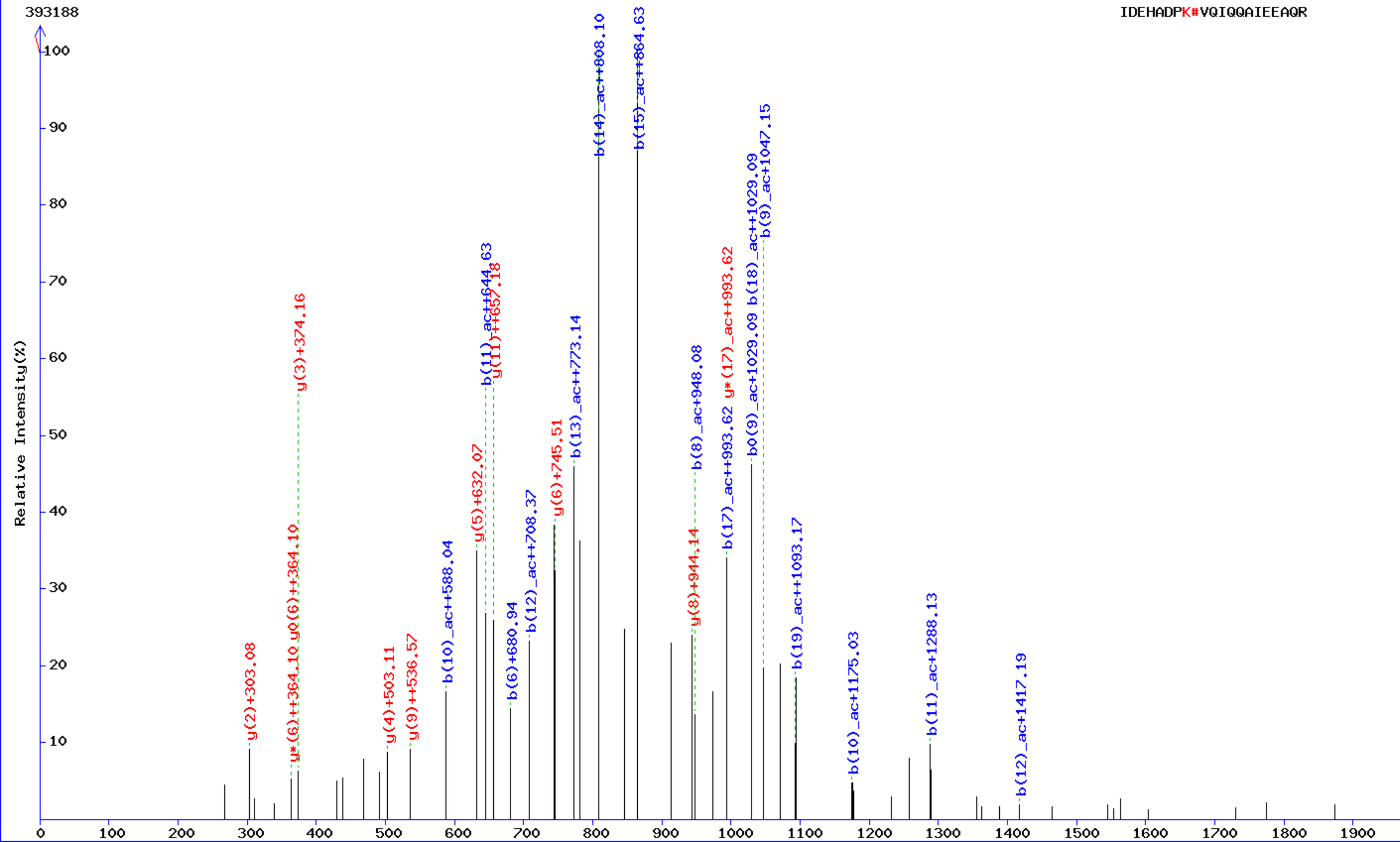
EPVDSAVLANGDEVQIGK#FR



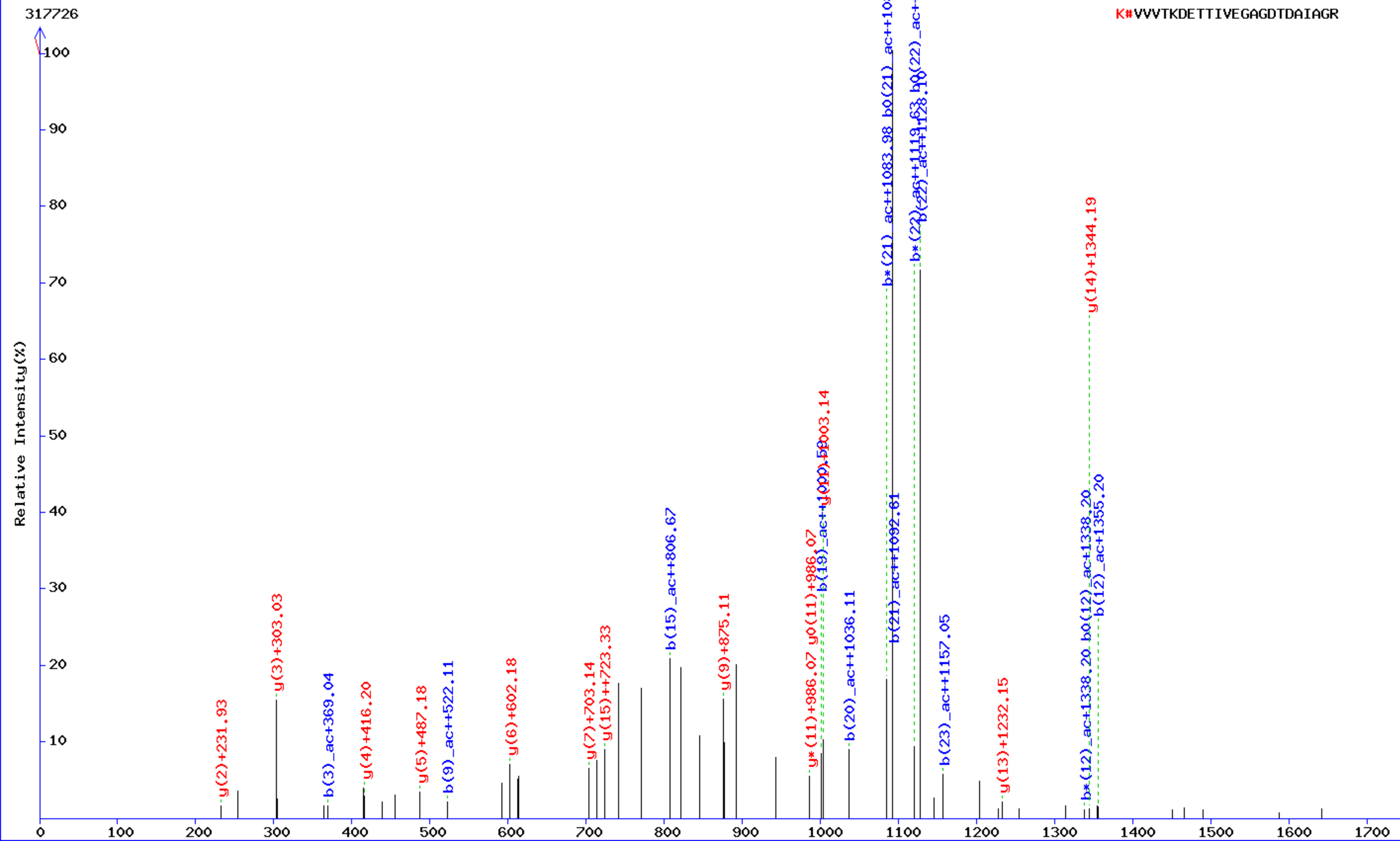


# gi|148662586 MRA\_2770 hypothetical protein

IDEHADPK#VQIQQAIEEAQR



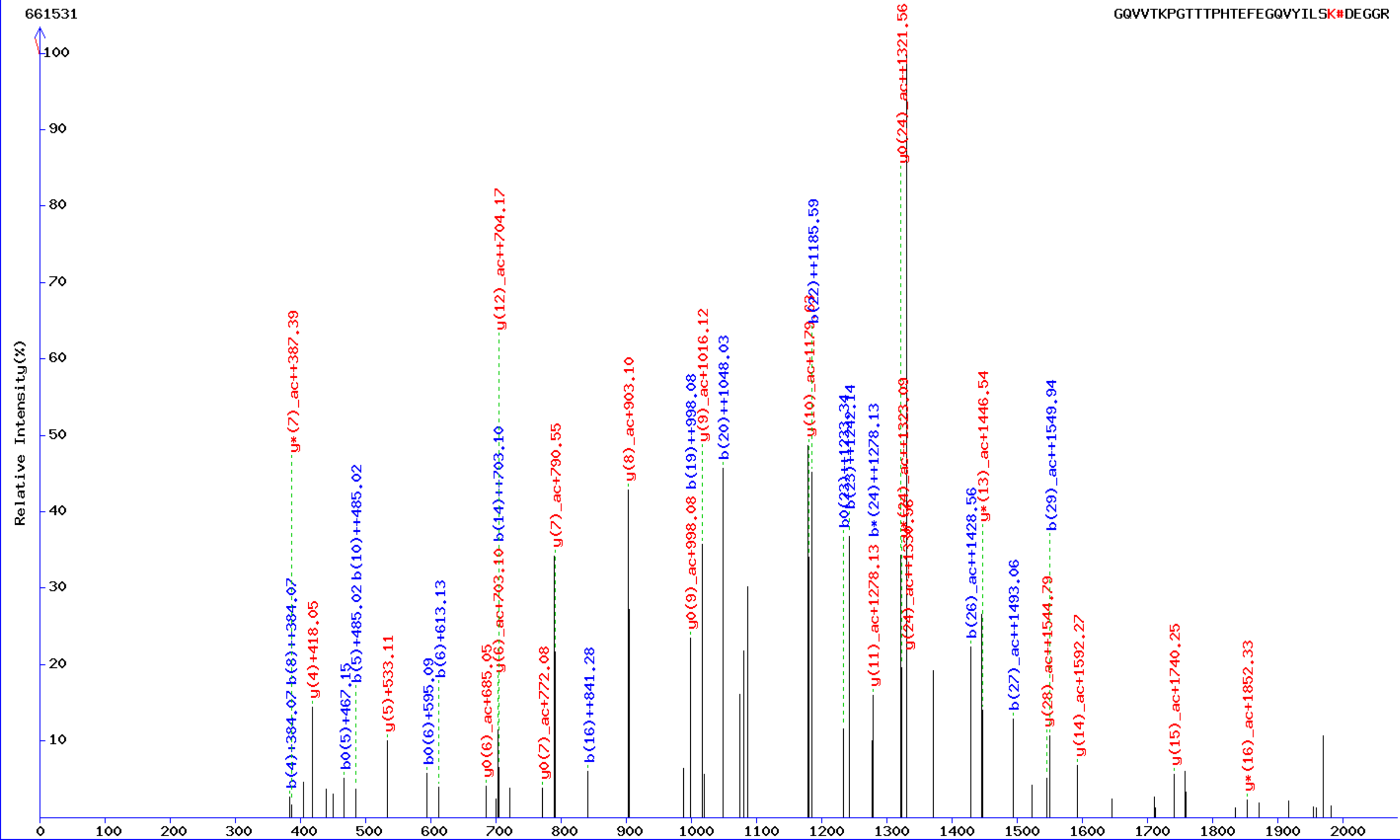
# gi|148660205 MRA\_0445 molecular chaperone GroEL

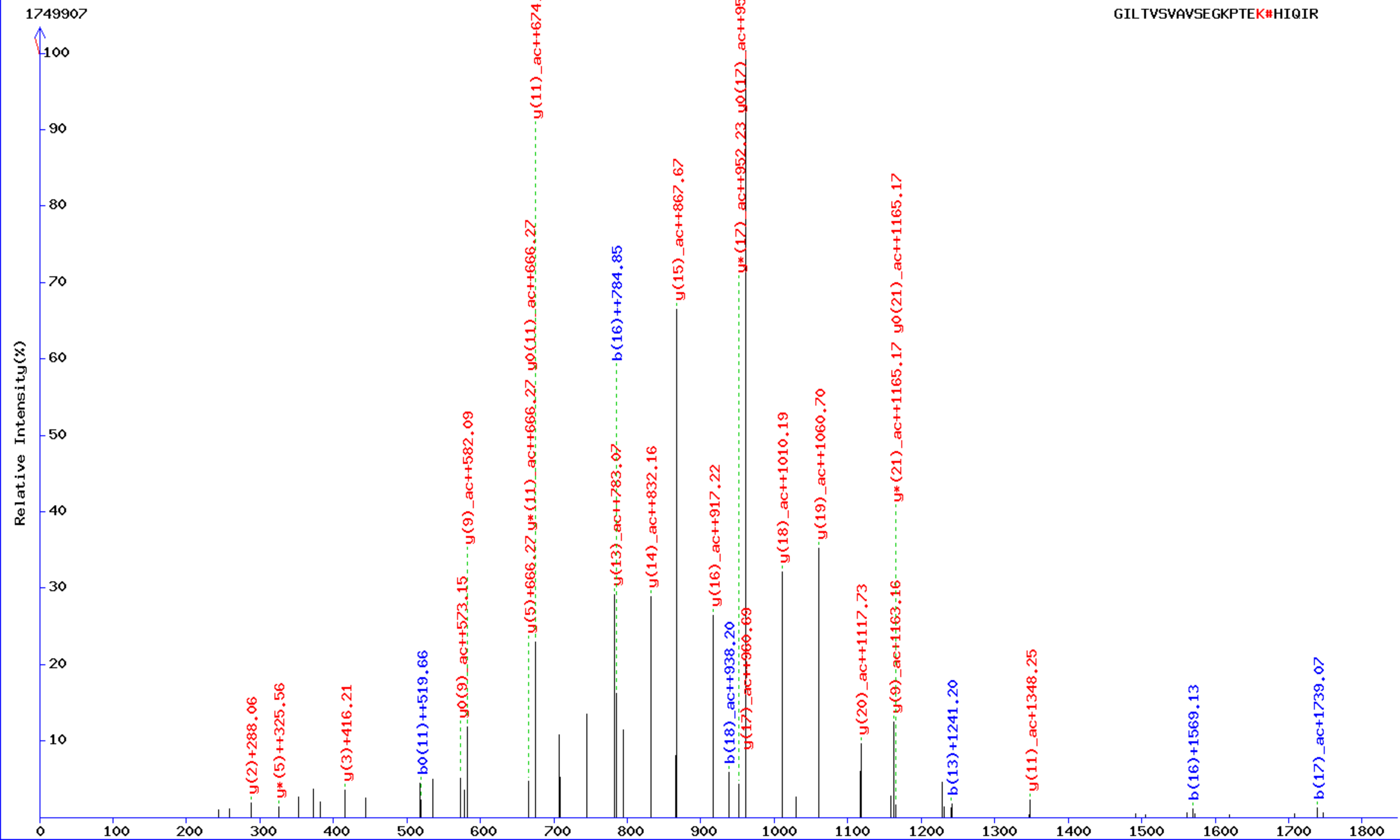




# gi|148660460 MRA\_0694 elongation factor Tu

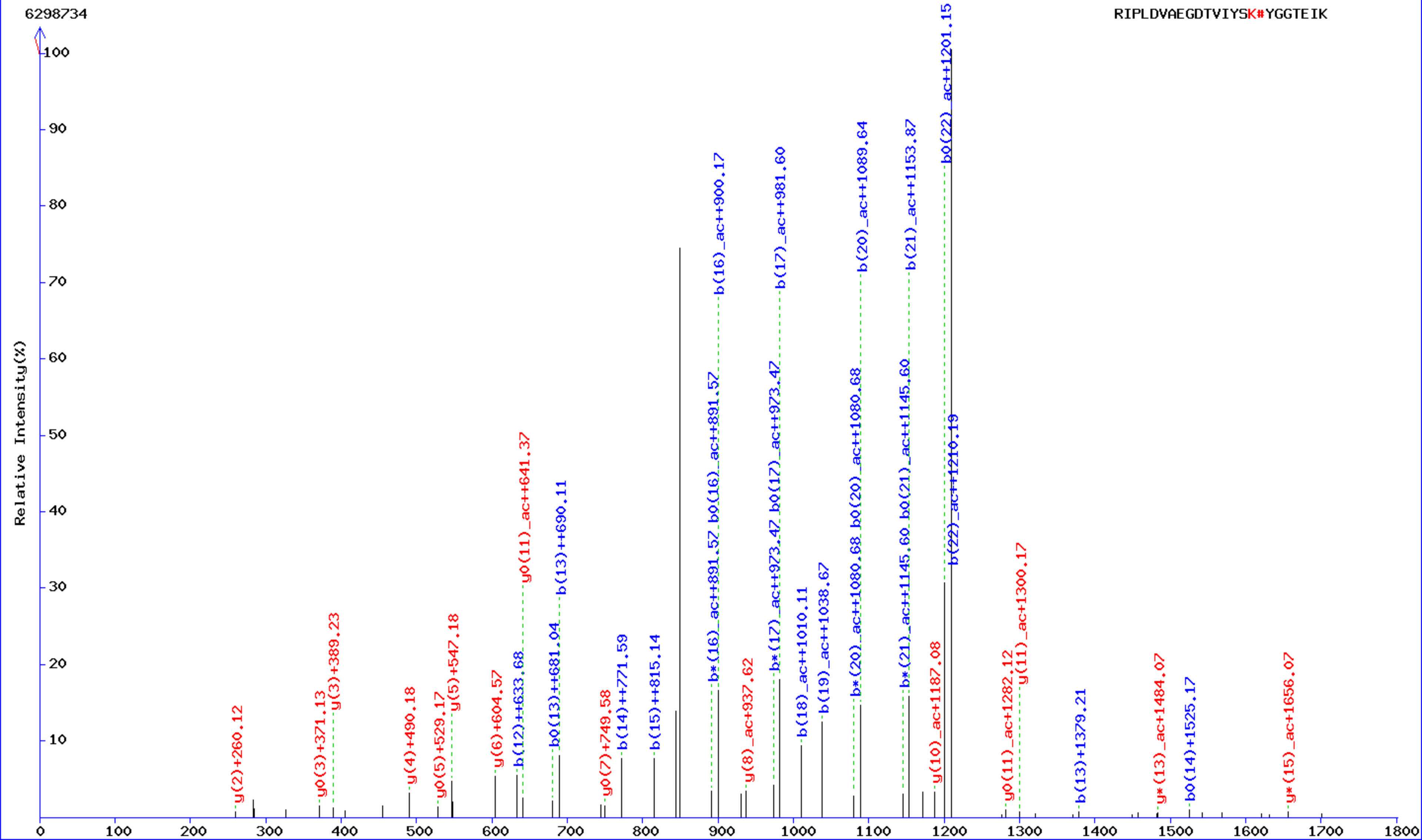
GQVVTKPGTTTPHTEFEGQVYILSK#DEGGR





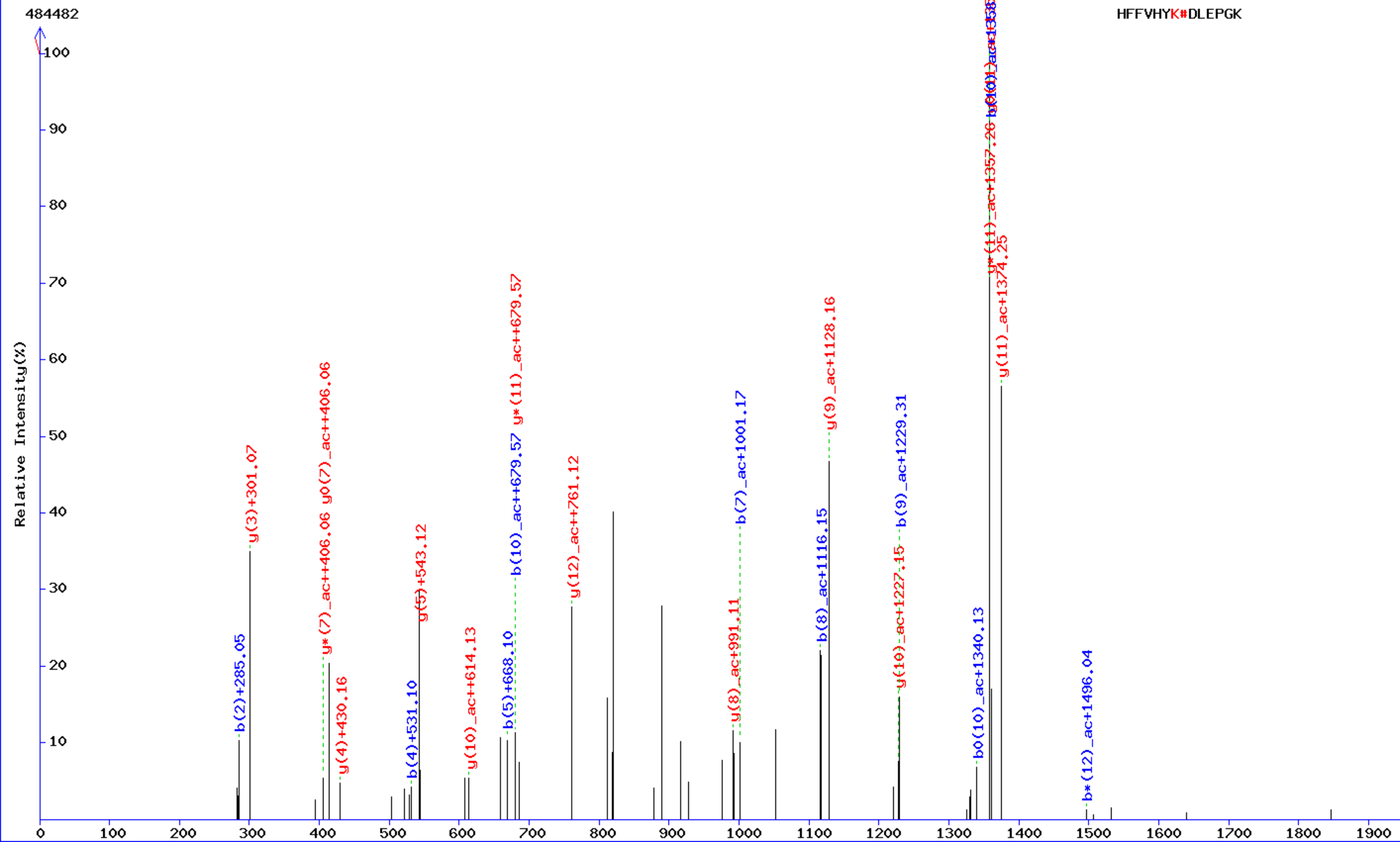
# gi|148663282 MRA\_3458 co-chaperonin GroES

RIPLDVAEGDTVIYSK#YGGTEIK



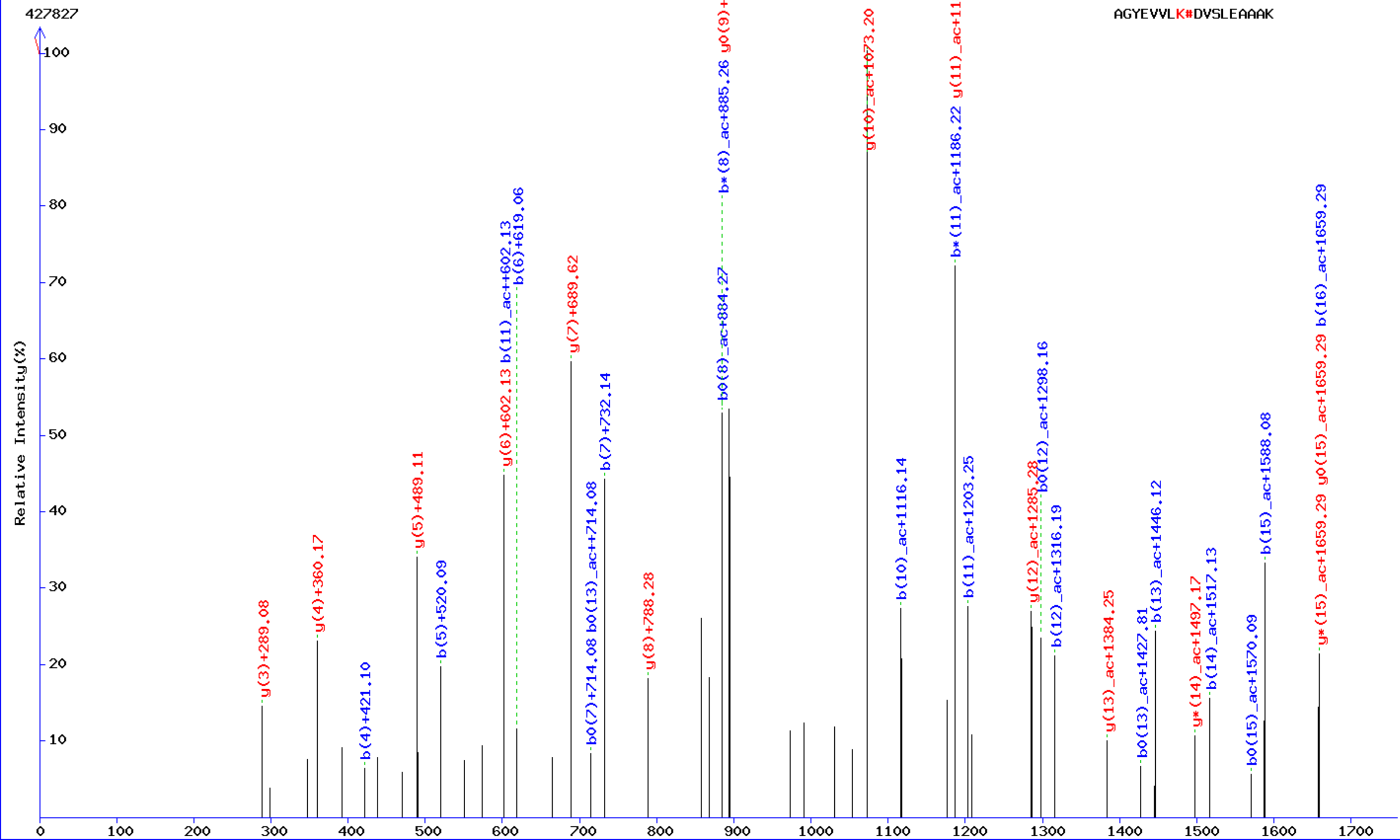
# gi|148663491 MRA\_3664 inorganic pyrophosphatase

HFFVHYK#DLEPGK



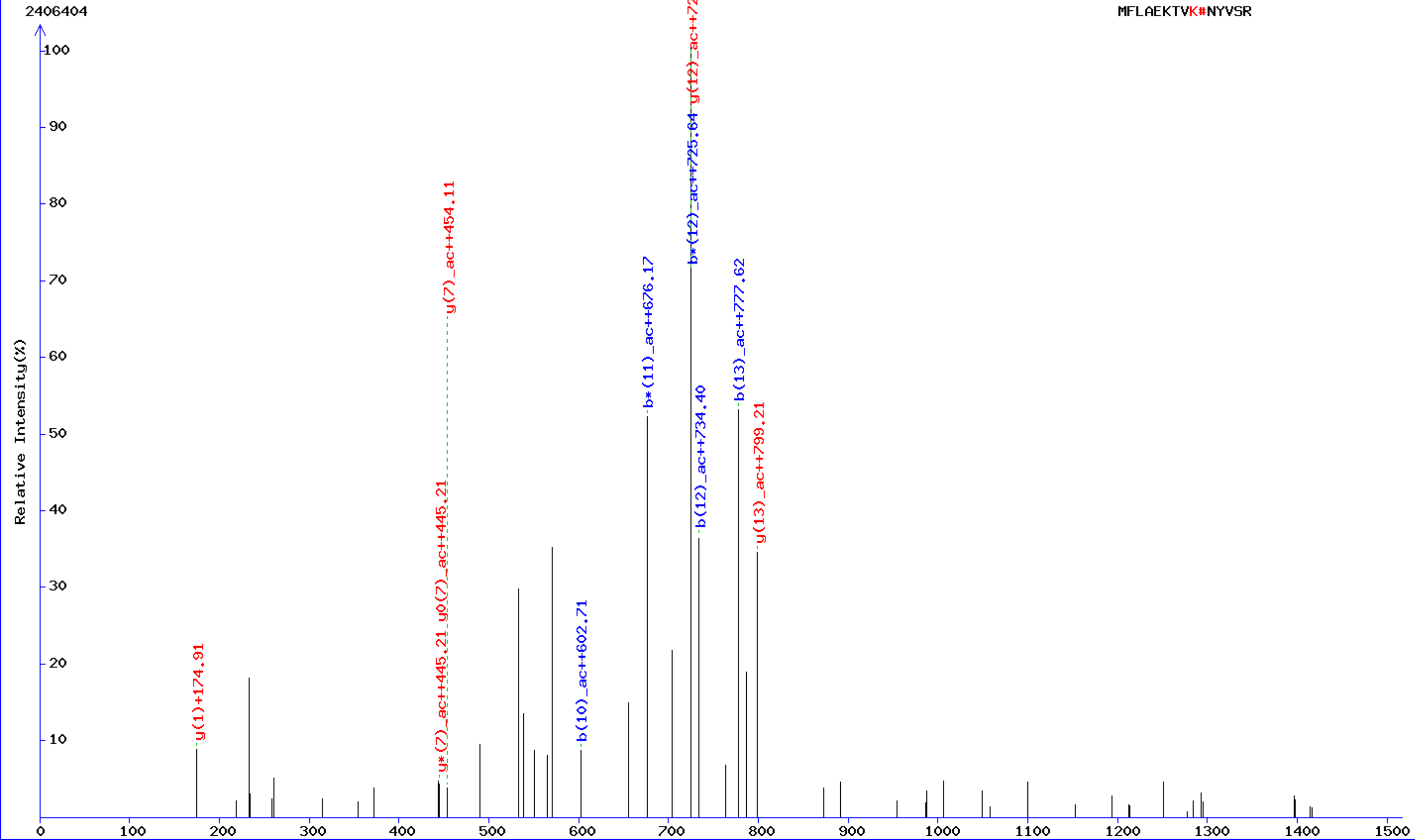
gi|148660637 MRA\_0868 fatty oxidation complex subunit alpha

AGYEVVLK#DVSLEAAK

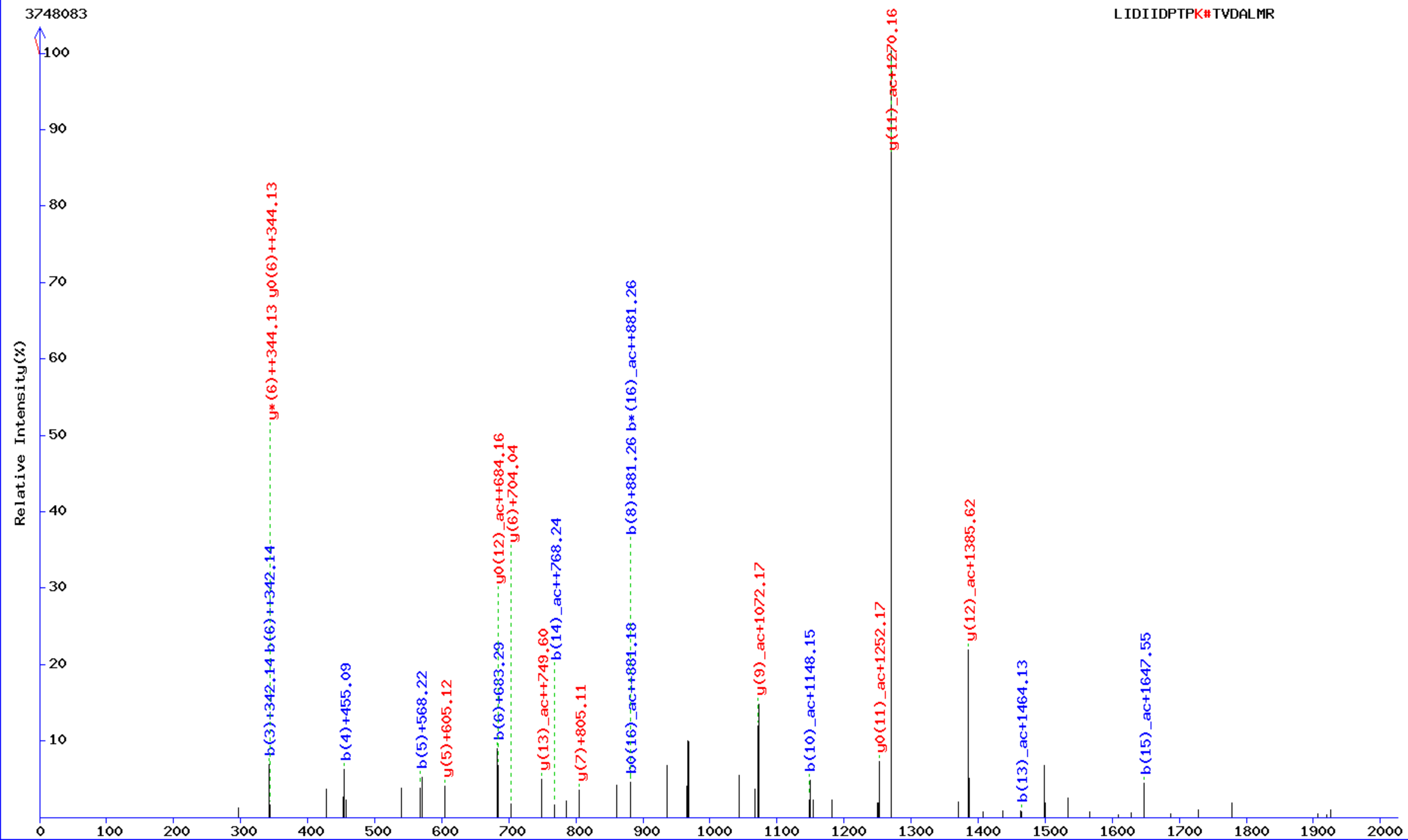


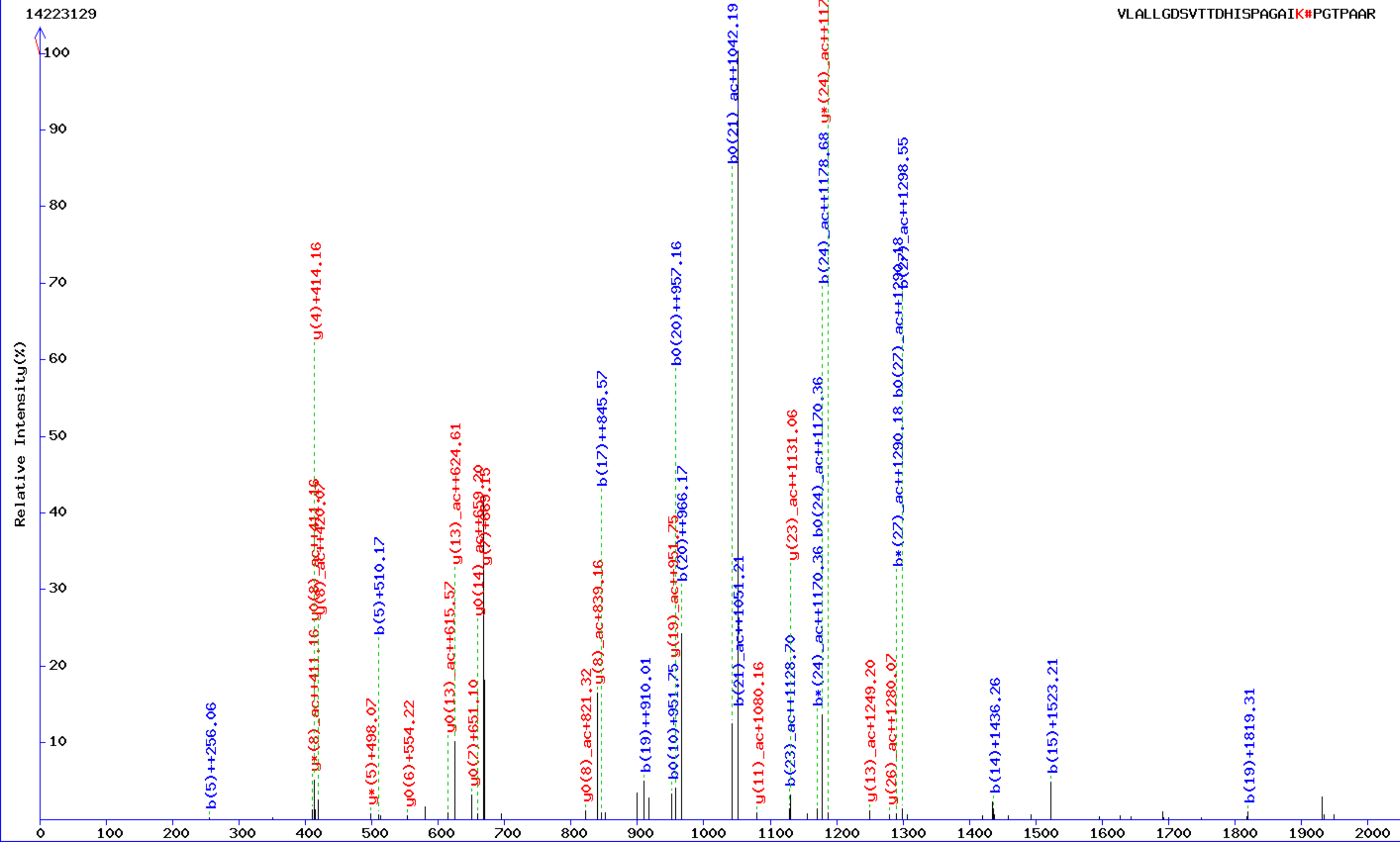
# gi|148662987 MRA\_3165 two component transcriptional regulatory protein DevR

MFLAEKTVK#NYVSR



# gi|148660475 MRA\_0708 30S ribosomal protein S10

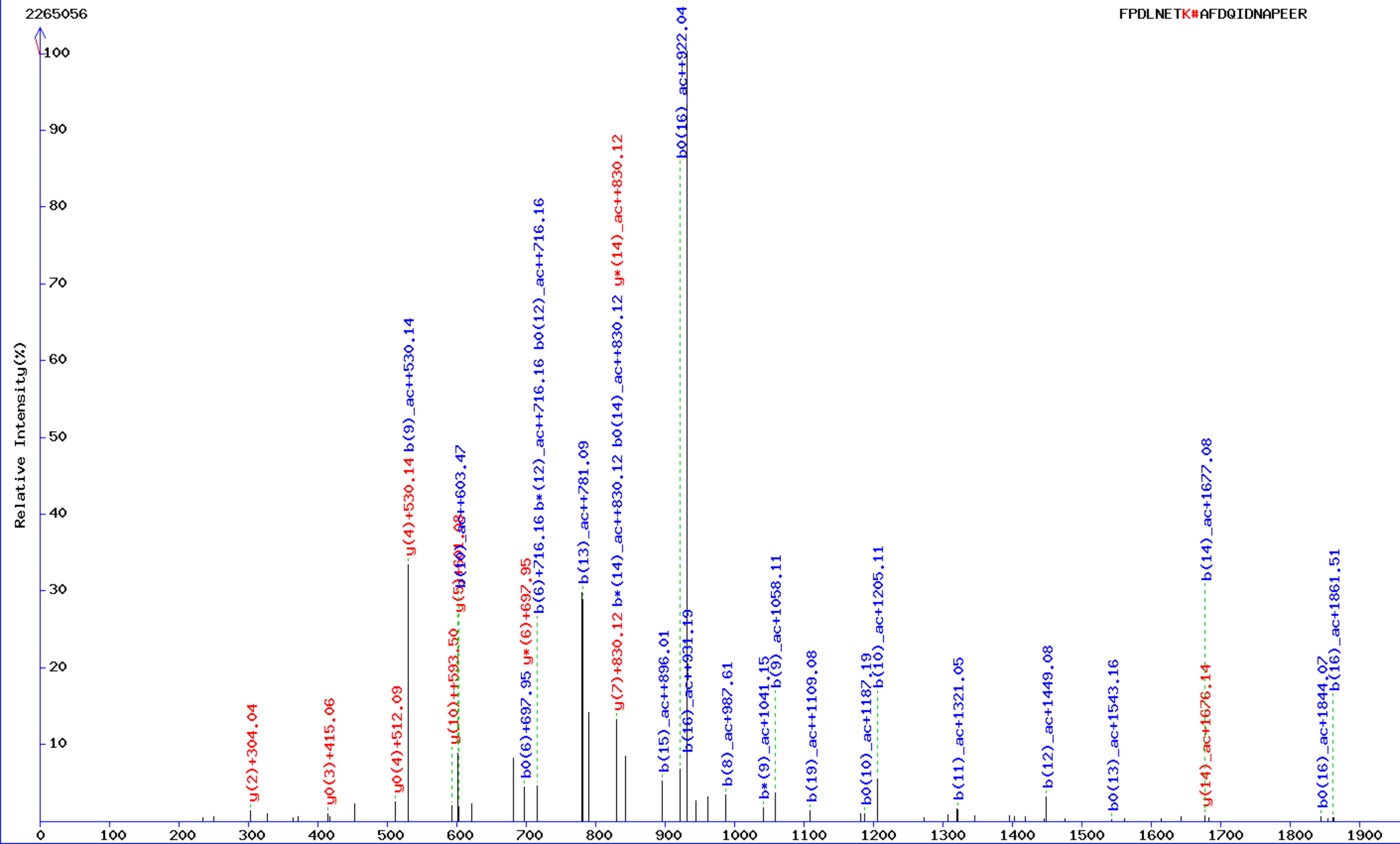






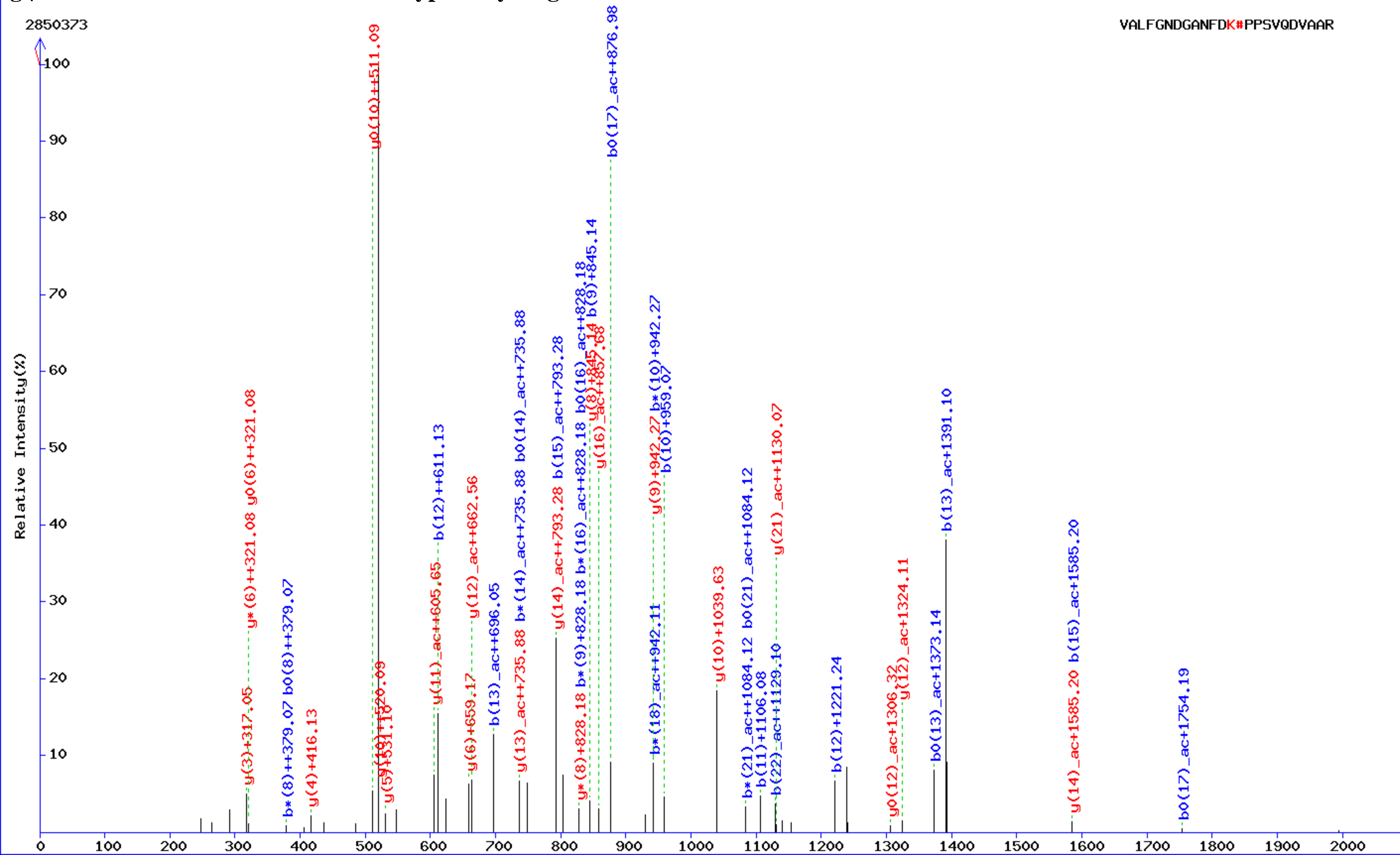
# gi|148660460 MRA\_0694 elongation factor Tu

FPDLNETK#AFDQIDNAPEER



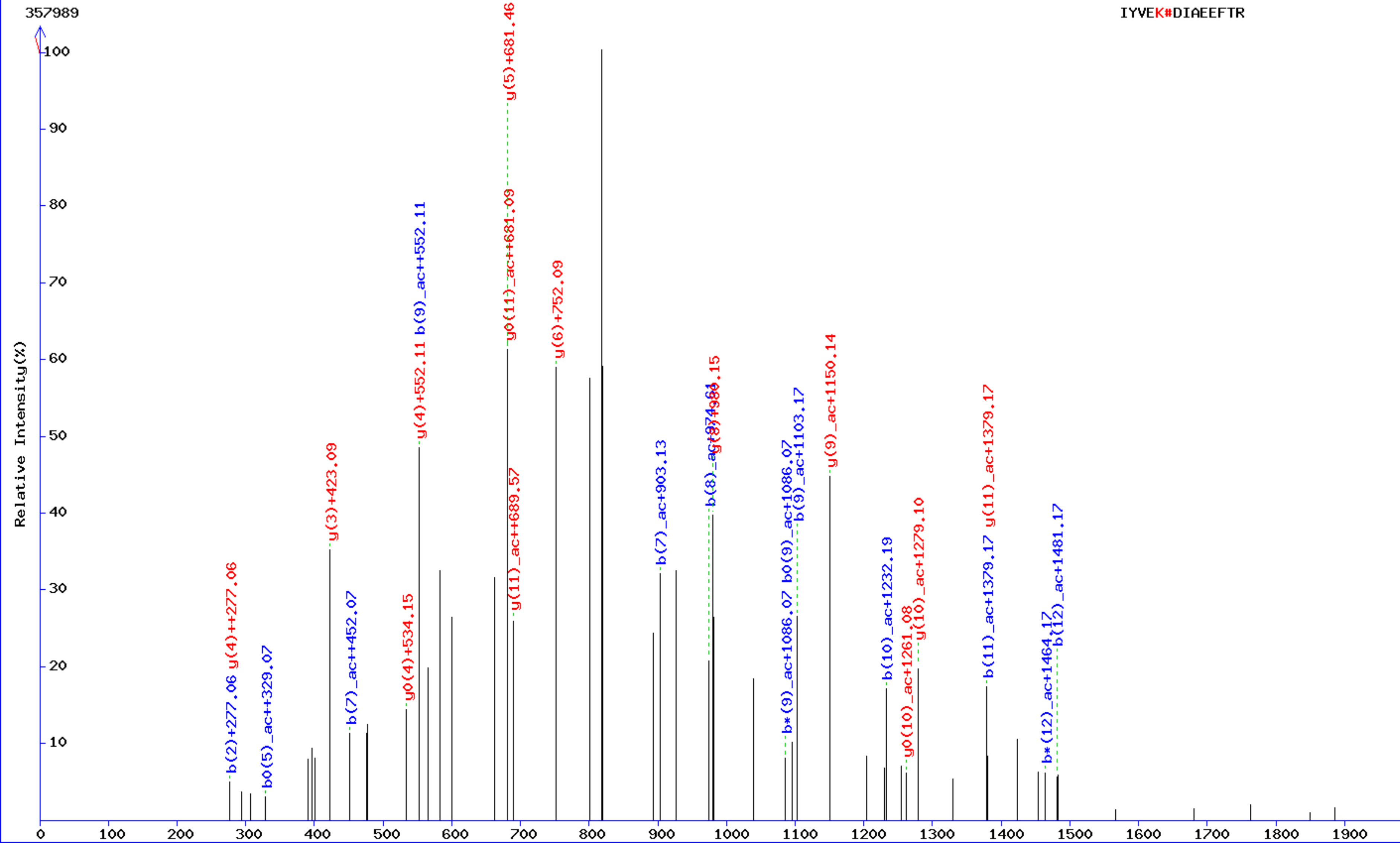
# gi|148659912 MRA\_0155 short-chain type dehydrogenase/reductase

VALFGNDGANFDK#PPSVQDVAAR



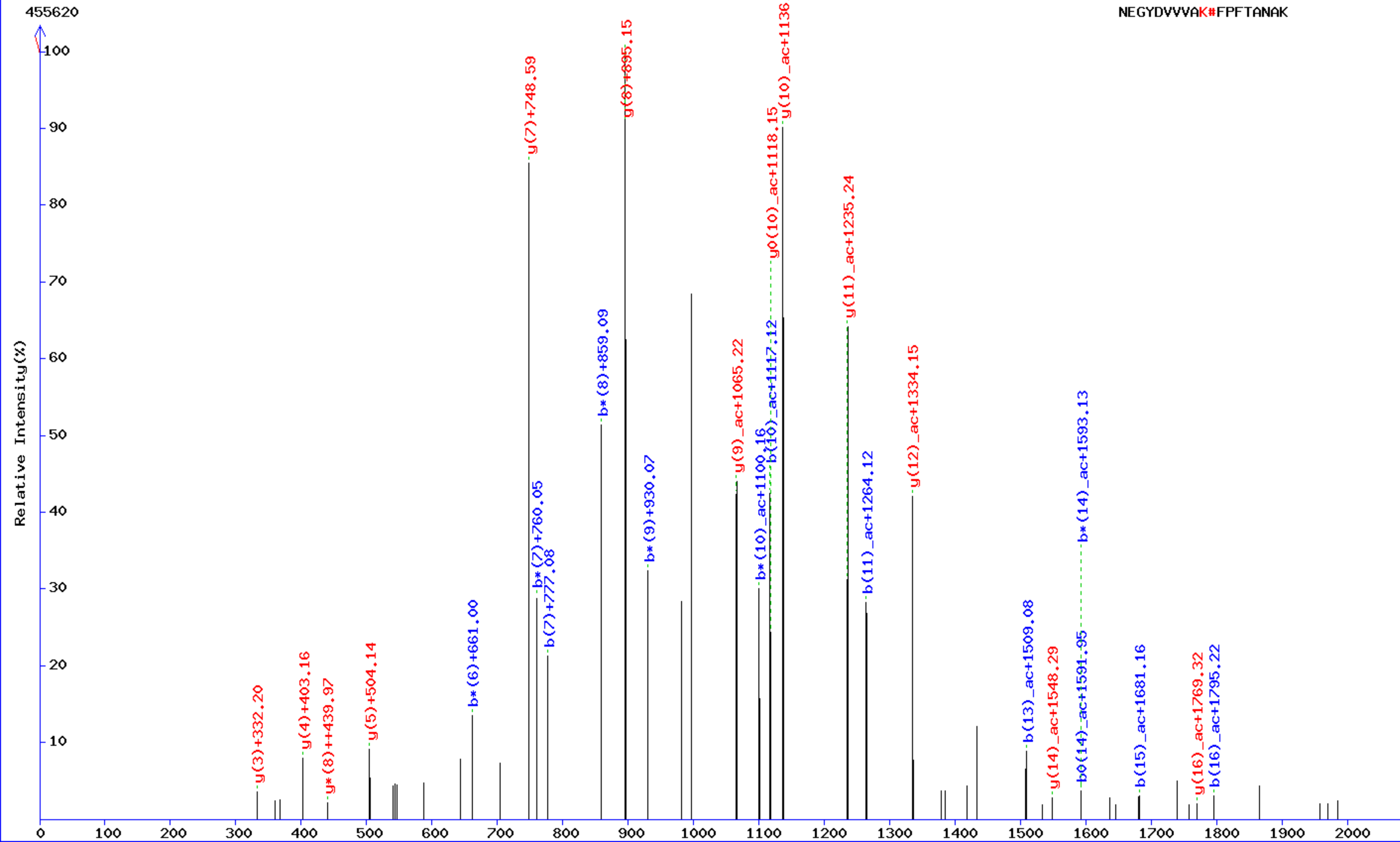
# gi|148661529 MRA\_1741 succinic semialdehyde dehydrogenase

IYVEK#DIAEEFTR



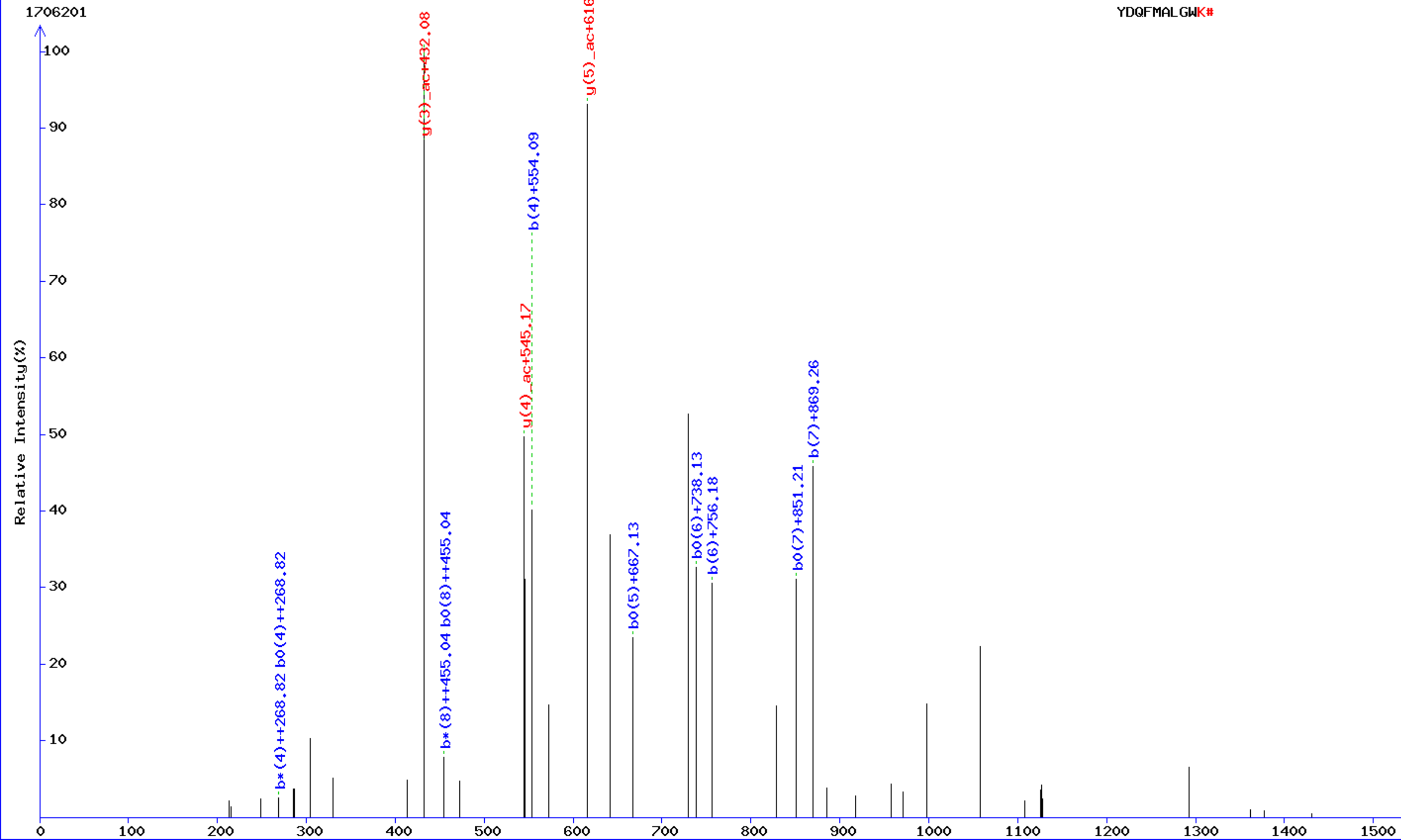
# gi|148660228 MRA\_0468 dihydrolipoamide dehydrogenase

NEGYDVVAK#FPFTANAK



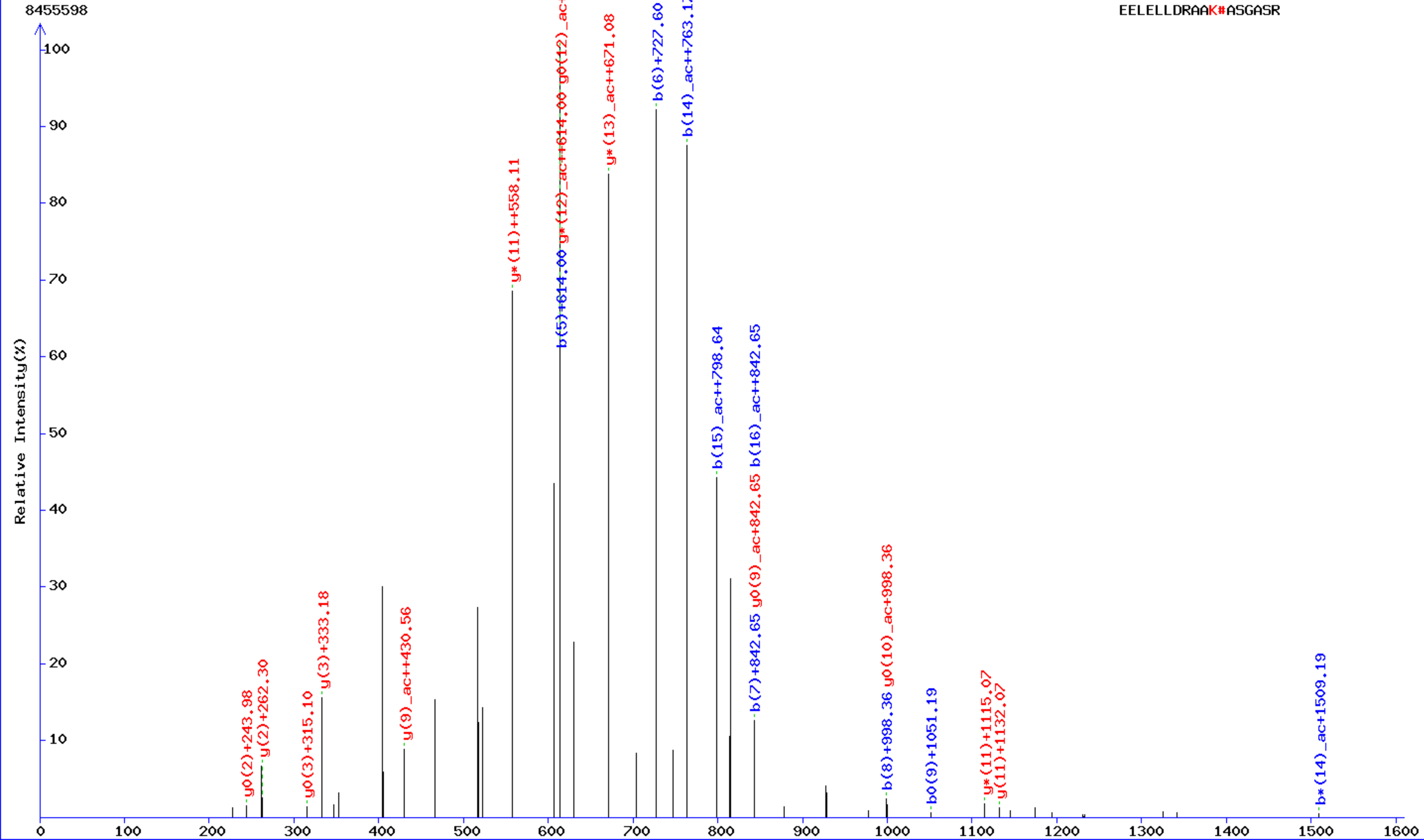
# gi|148663007 MRA\_3185 NADH dehydrogenase subunit H

YDQFMALGWK#



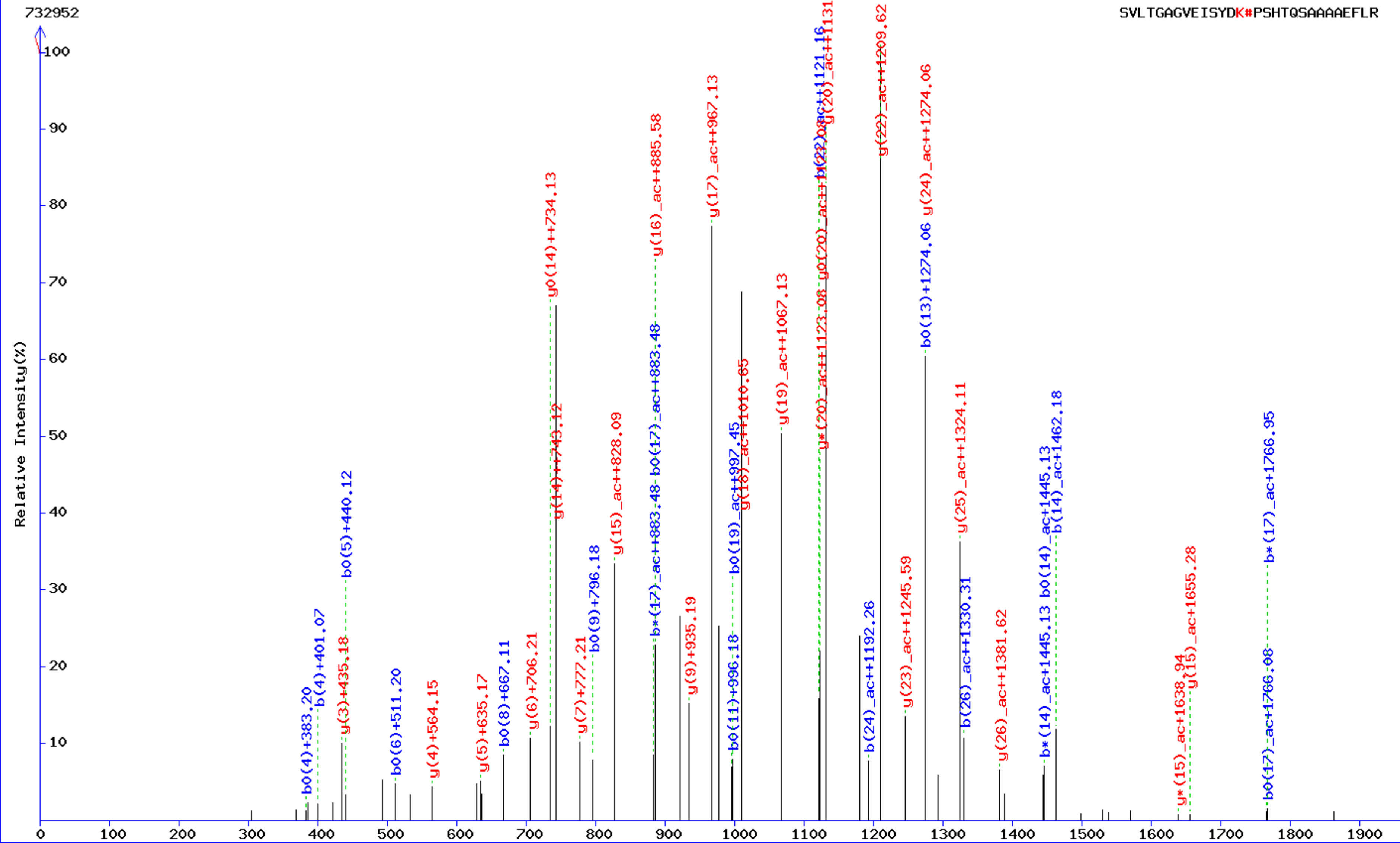
# gi|148662385 MRA\_2575 hypothetical protein

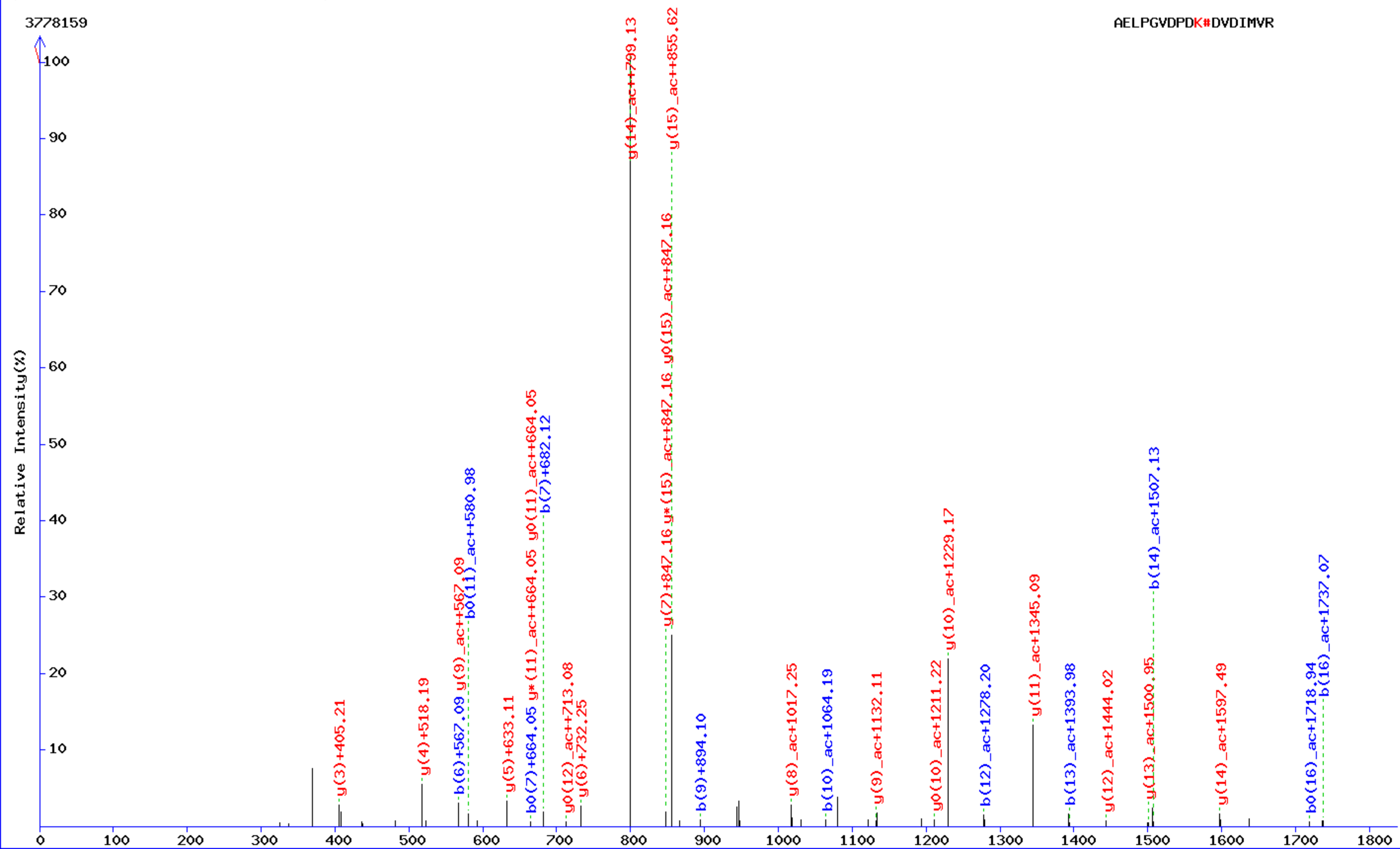
EELELLDRAAK#ASGASR



gi|148662995 MRA\_3173 acyl-CoA dehydrogenase

SVLTGAGVEISYDK#PSHTQSAAAAEFLR

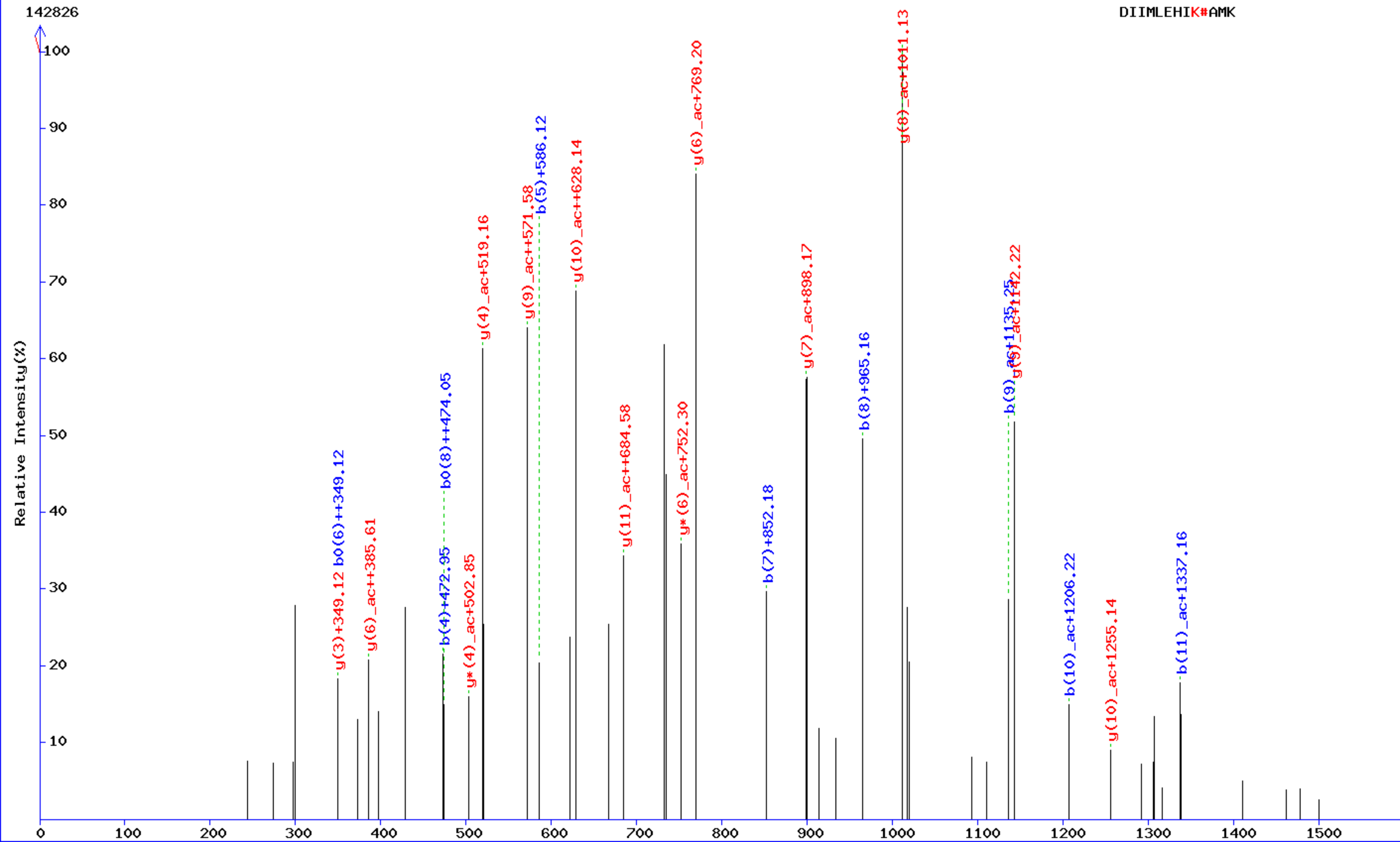






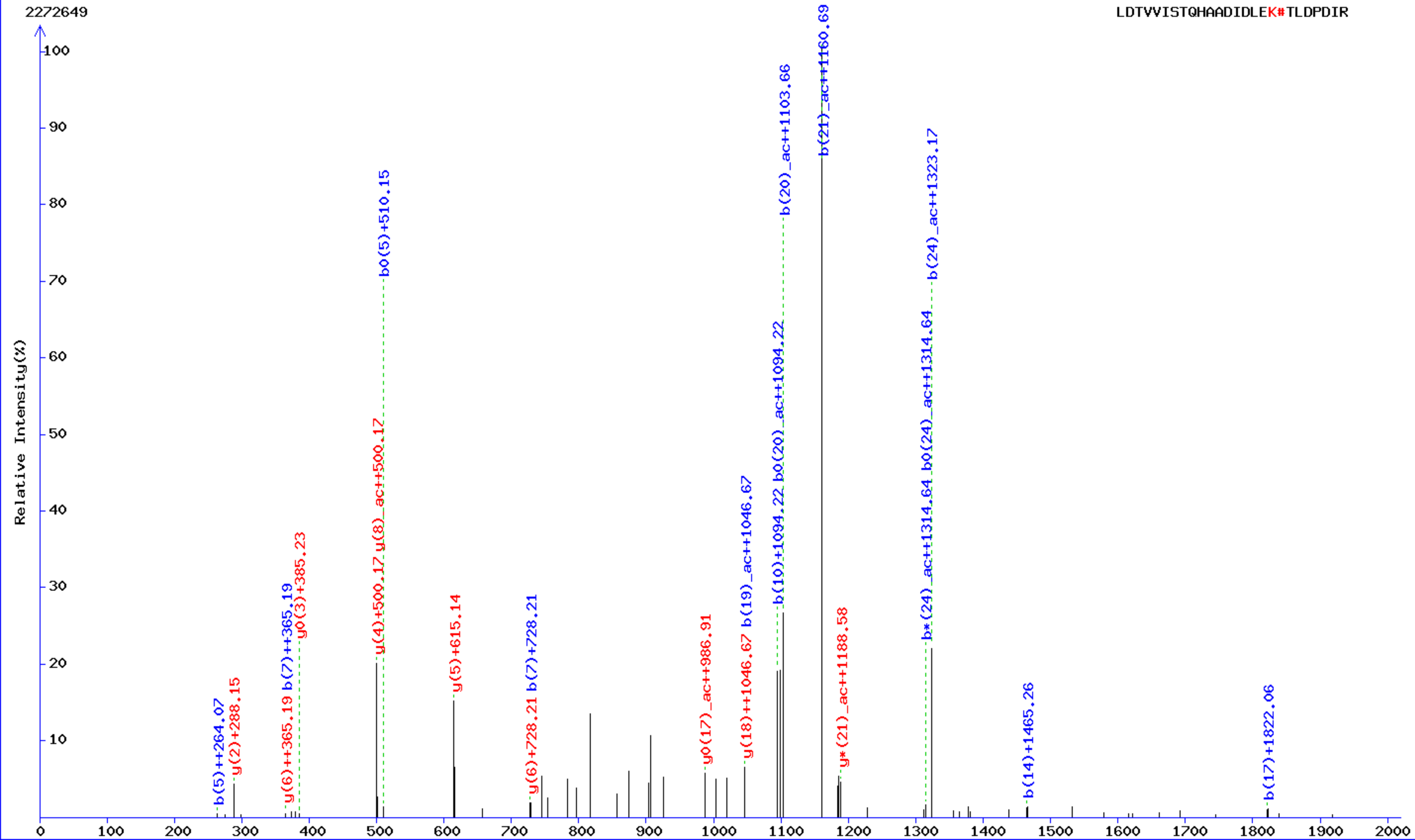
gi|148663111 MRA\_3289 S-adenosyl-L-homocysteine hydrolase

DIIMLEHIK#AMK



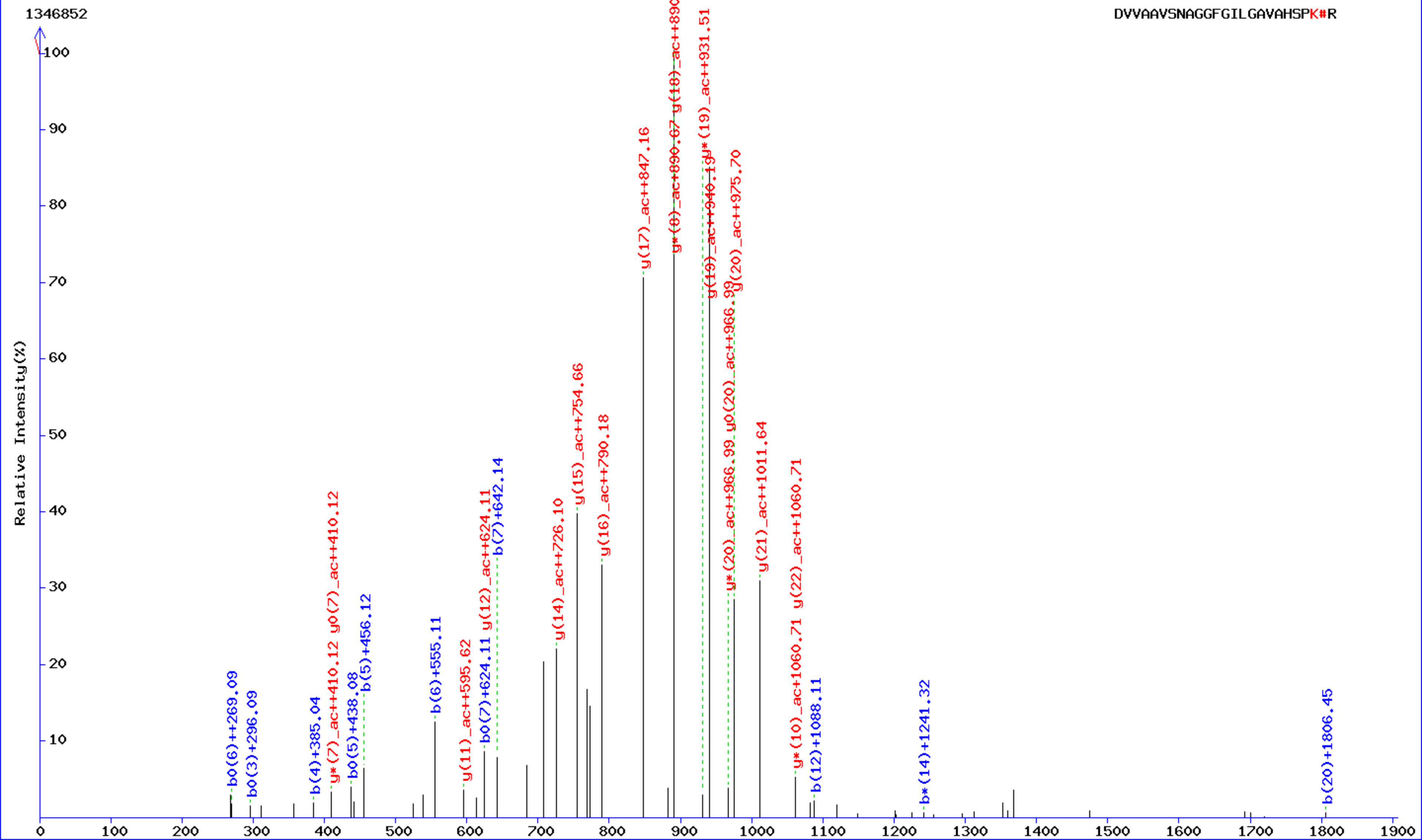
gi|148661183 MRA\_1401 S-adenosylmethionine synthetase

LDTVVISTQHAADIDLEK#TLDPDIR



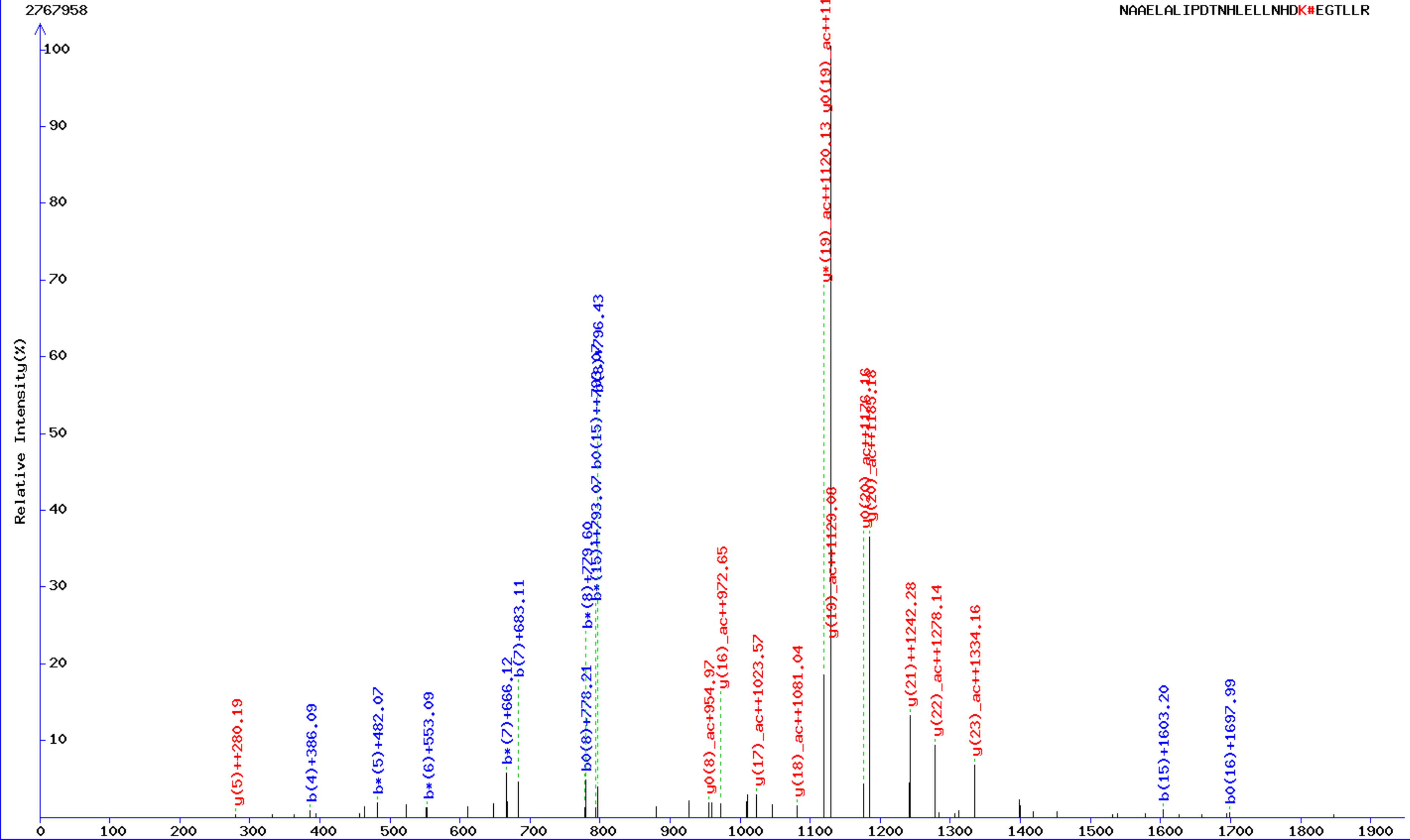
# gi|148661329 MRA\_1545 hypothetical protein

DVVAAVSNAGGFGILGAVAHSPK#R



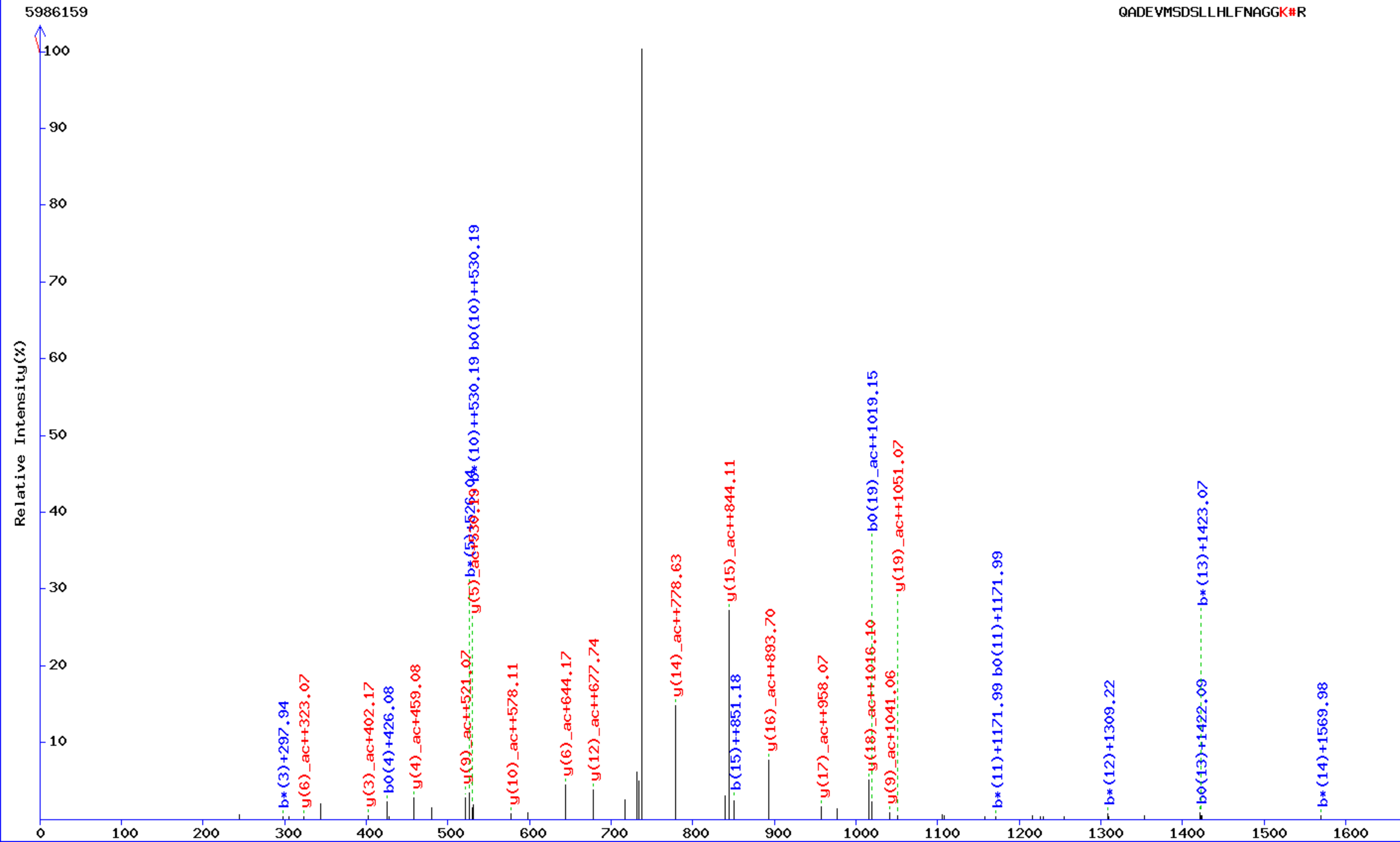
gi|148661080 MRA\_1300 arginyl-tRNA synthetase

NAAELALIPDTNHLELLNHDK#EGTLLR

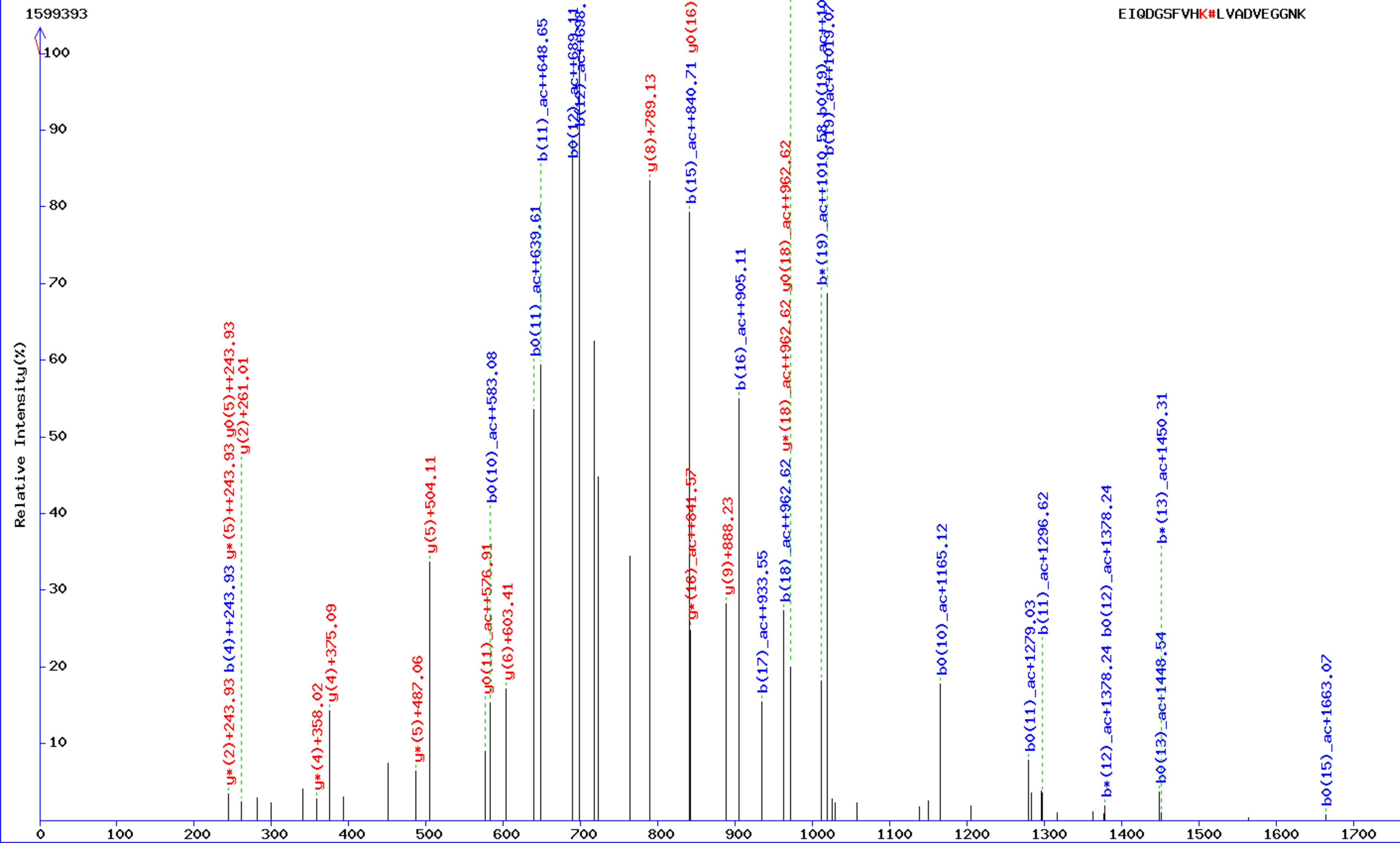


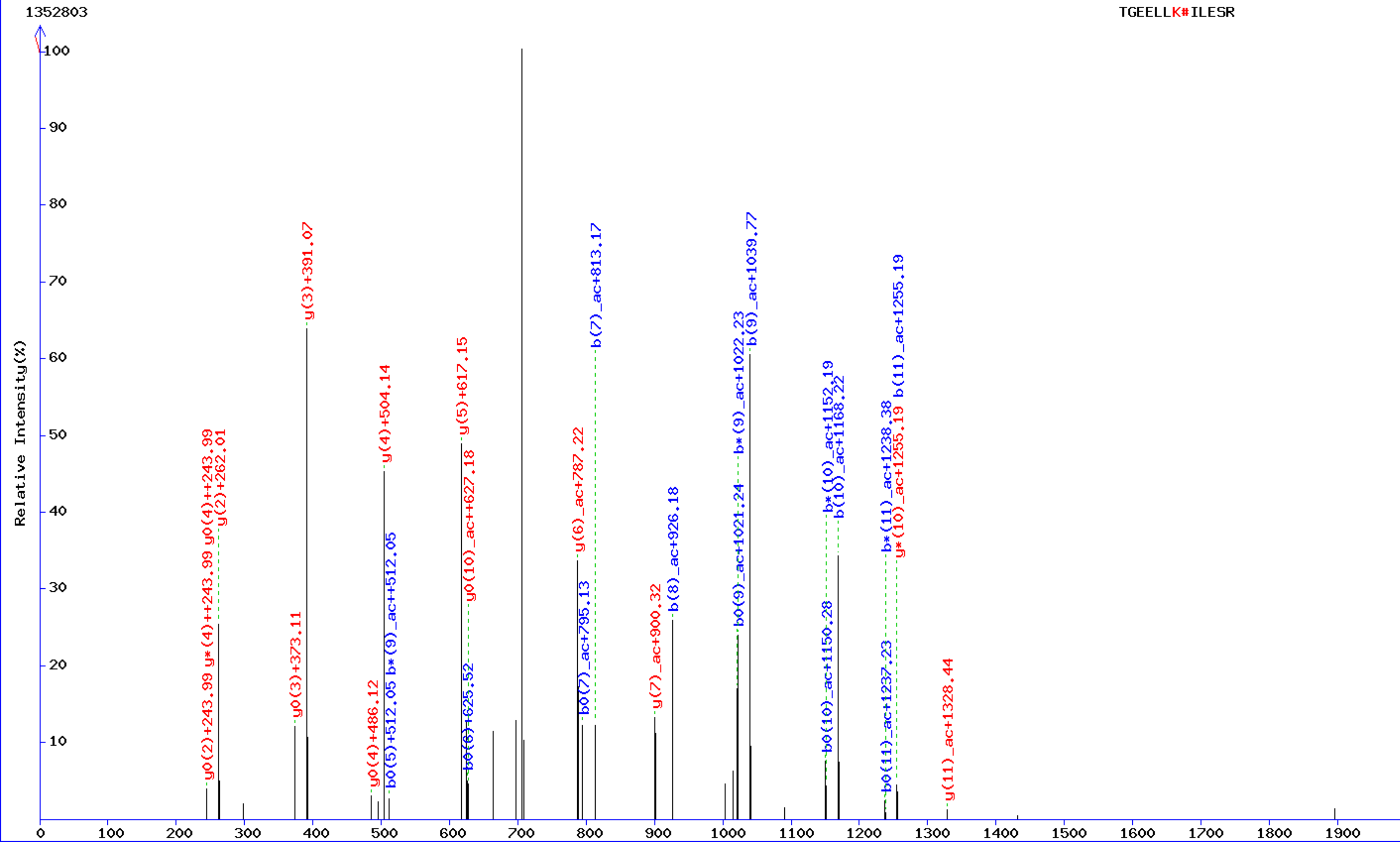
# gi|148660331 MRA\_0569 polyprenyl-diphosphate synthase GrcC1

QADEVMSDSLHLHLFNAGGK#R

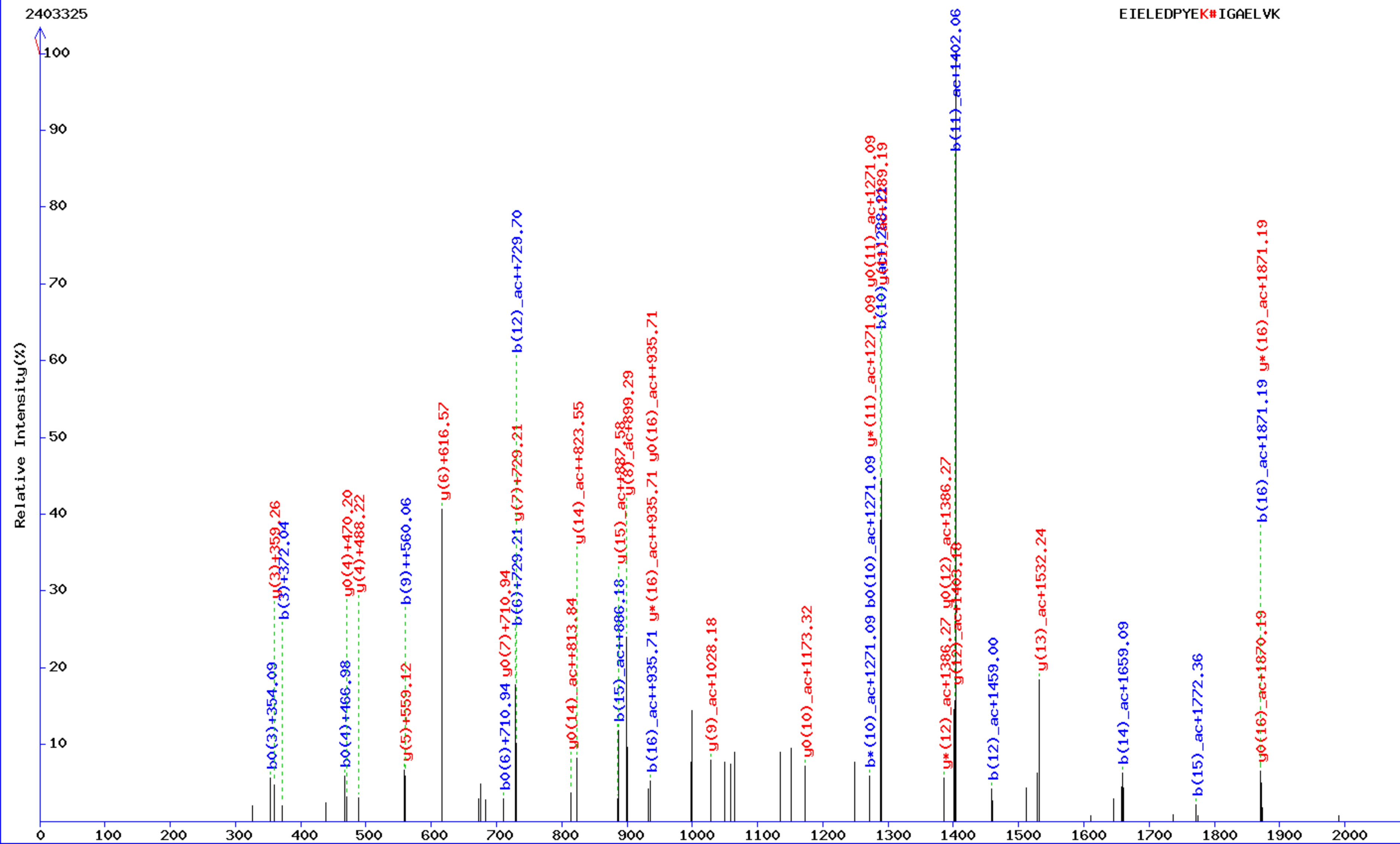


## gi|148662852 MRA\_3031 ketol-acid reductoisomerase



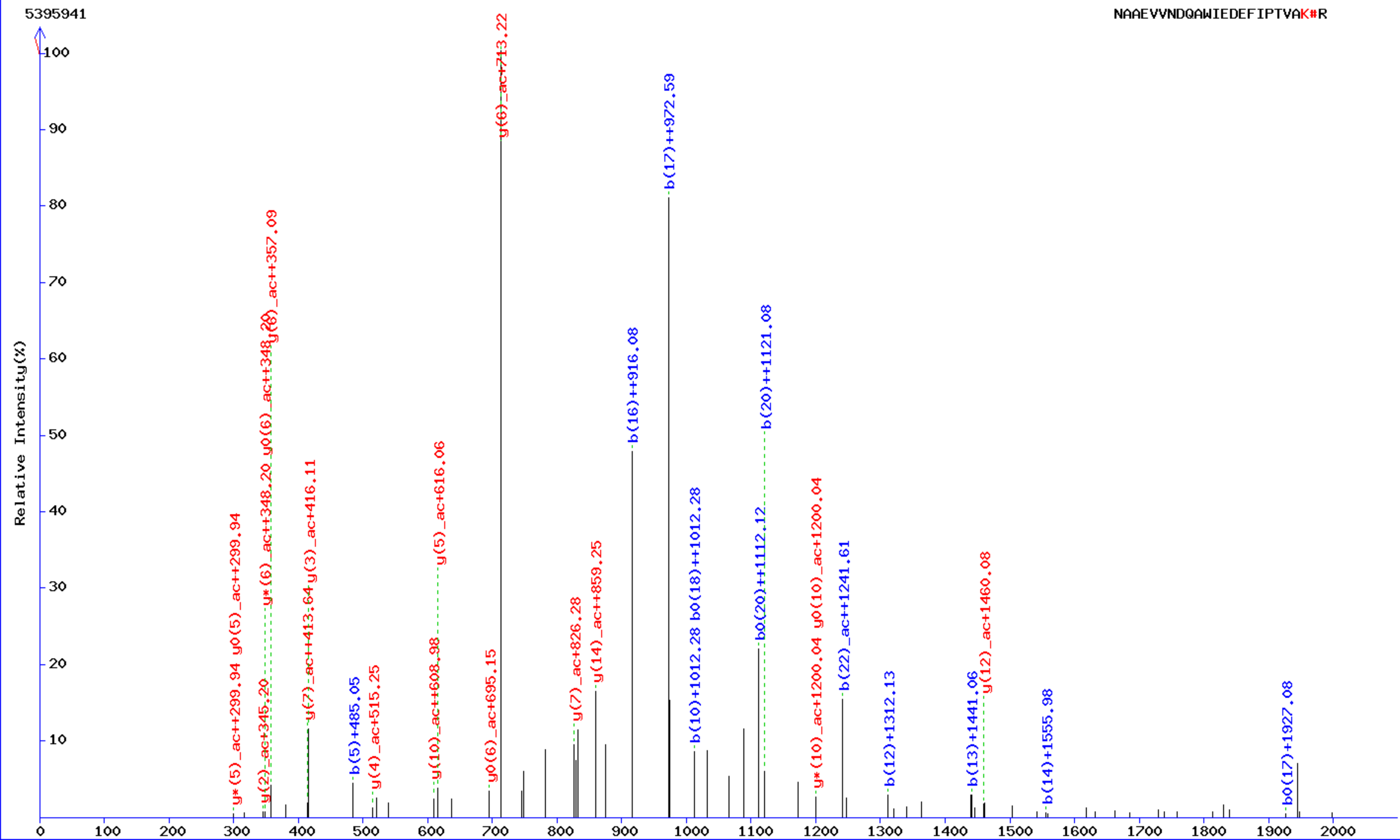


# gi|148660205 MRA\_0445 molecular chaperone GroEL



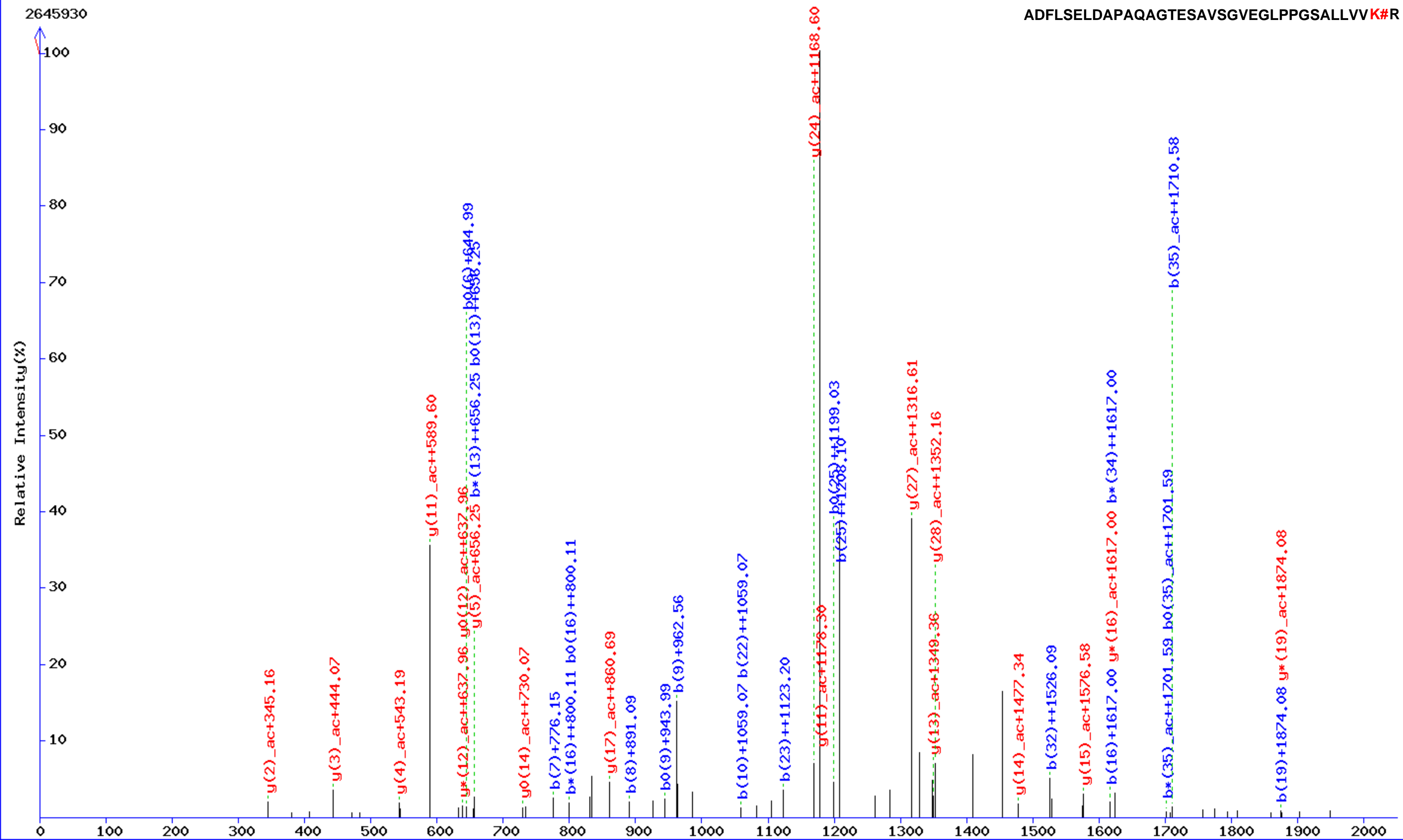
EIELEDPYEK#IGAELVK





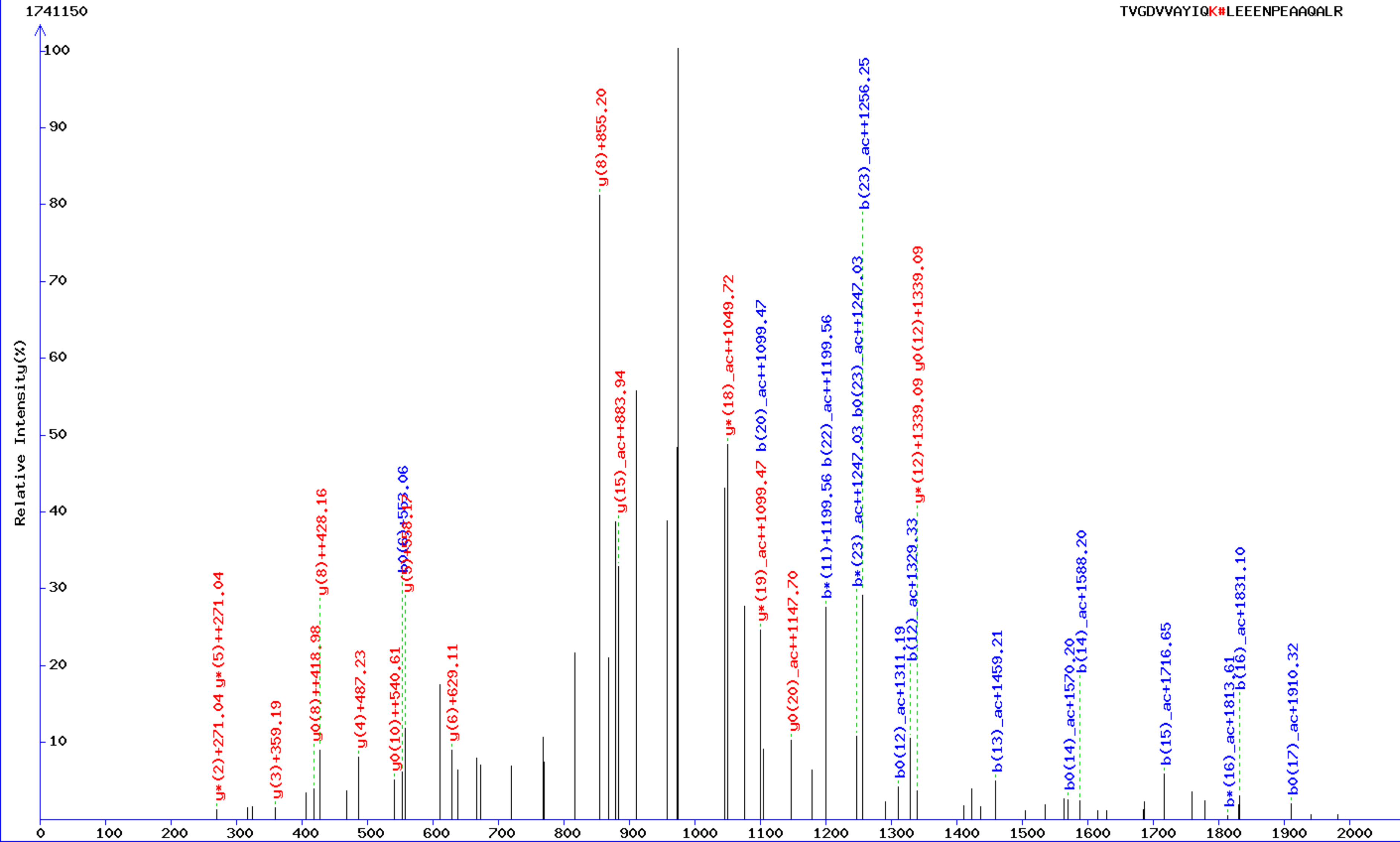
# gi|148661633 MRA\_1839 hypothetical protein

ADFLSELDAPAQAGTESAVSGVEGLPPGSALLVV**K#R**



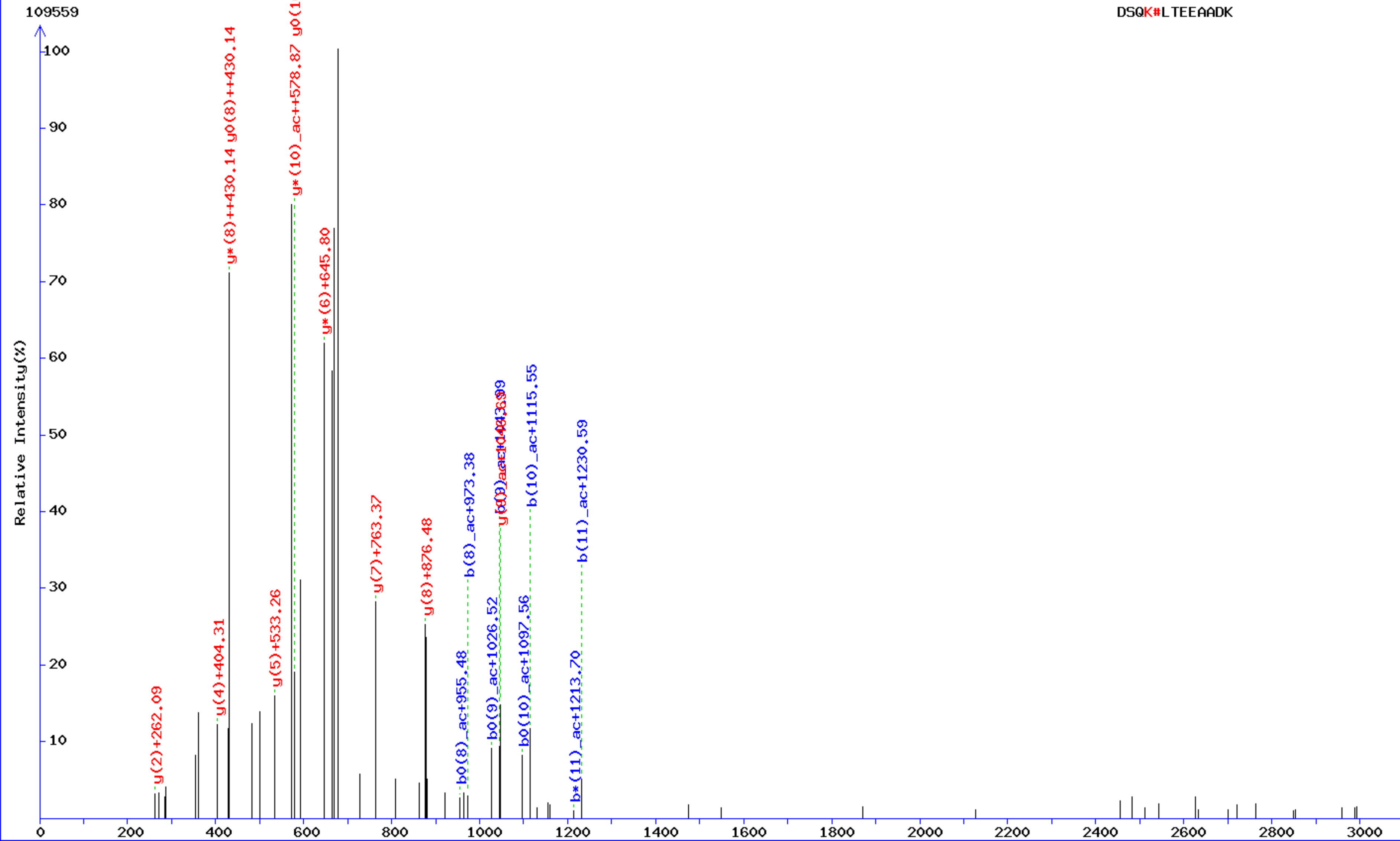
gi|148662065 MRA\_2264 acyl carrier protein

TVGDVWAYIQK#LEENPEAAGALR

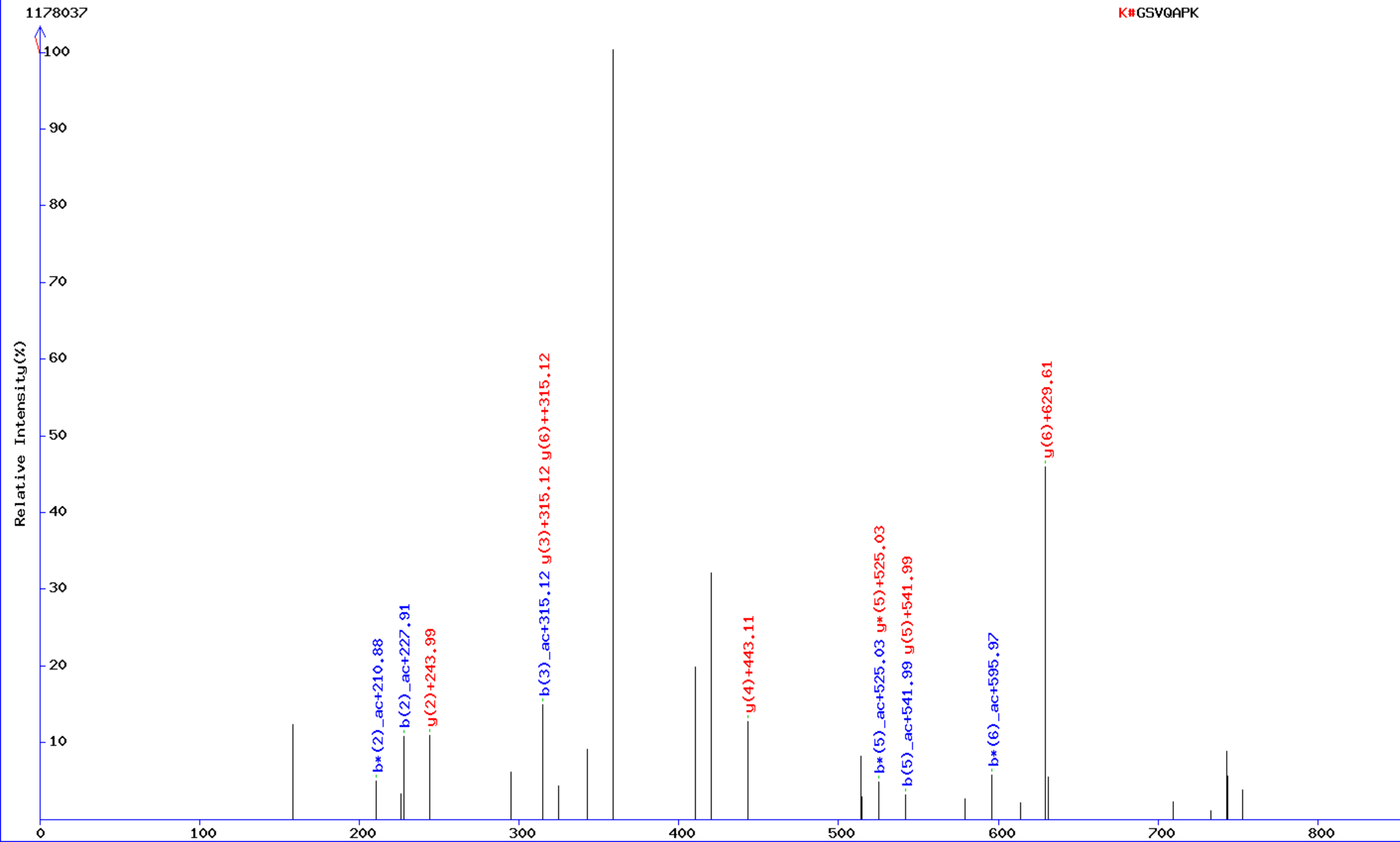


gi|148661096 MRA\_1316 ATP synthase F0F1 subunit alpha

DSQK#LTEEADK

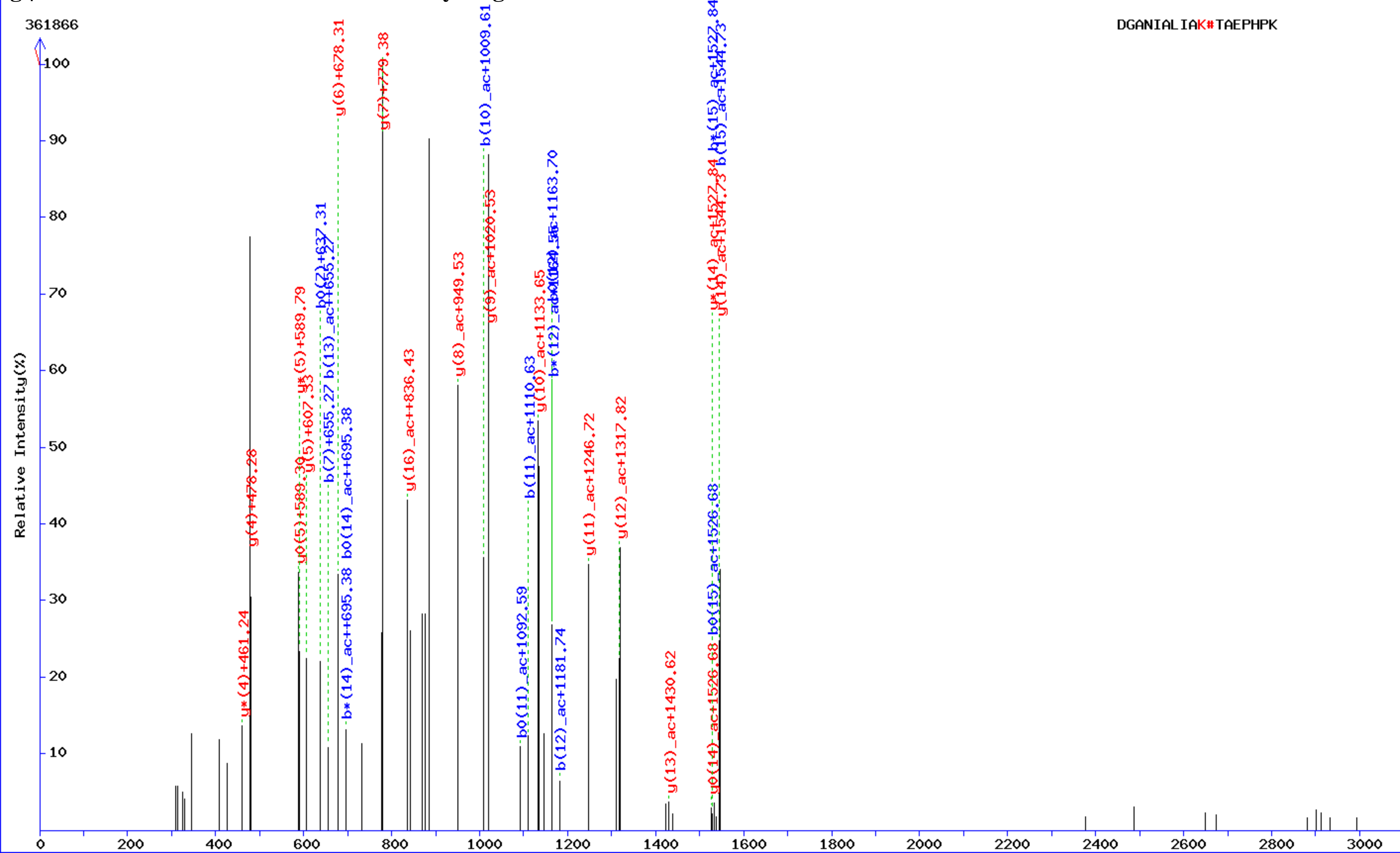


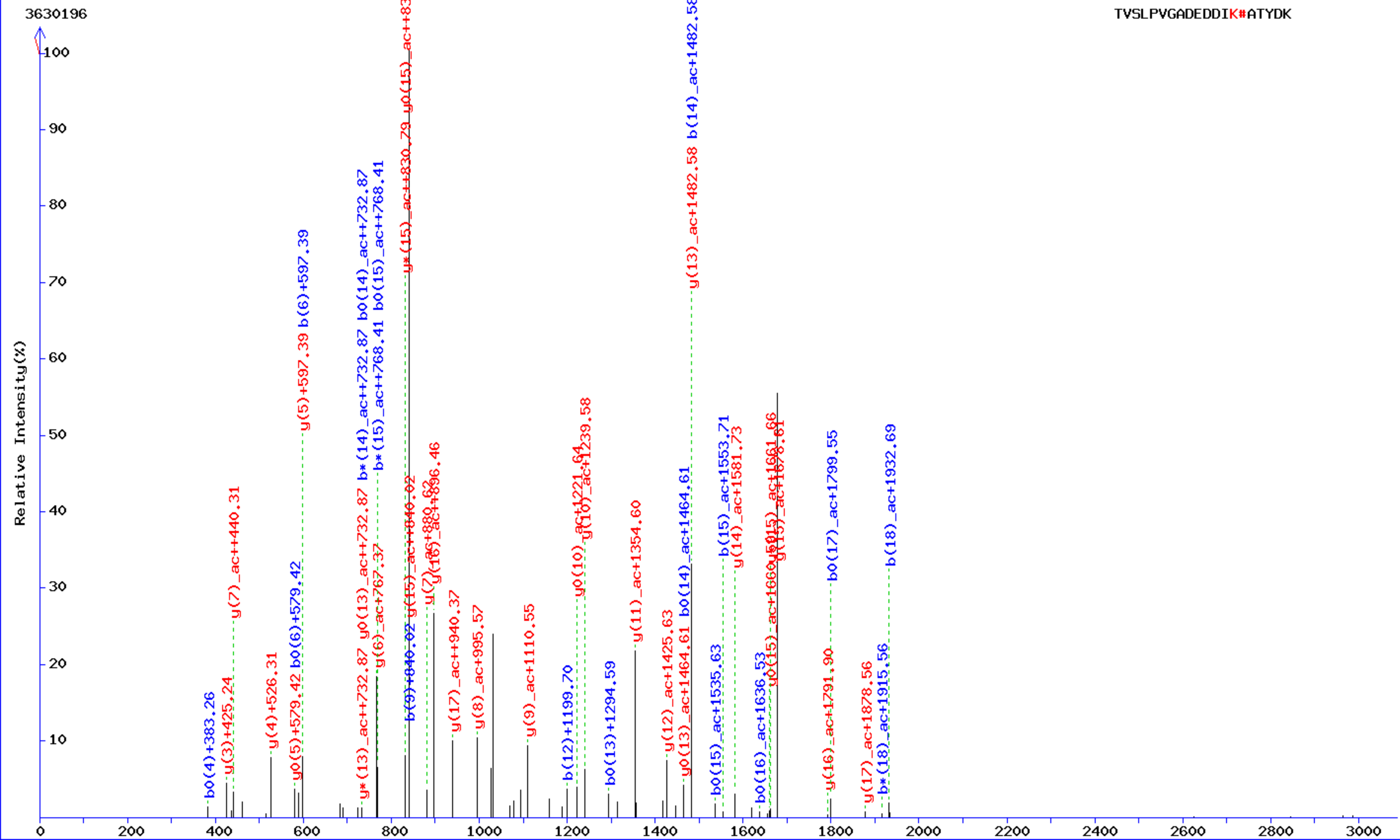
# gi|148660320 MRA\_0558 acyl-CoA synthetase



# gi|148663086 MRA\_3264 short chain dehydrogenase

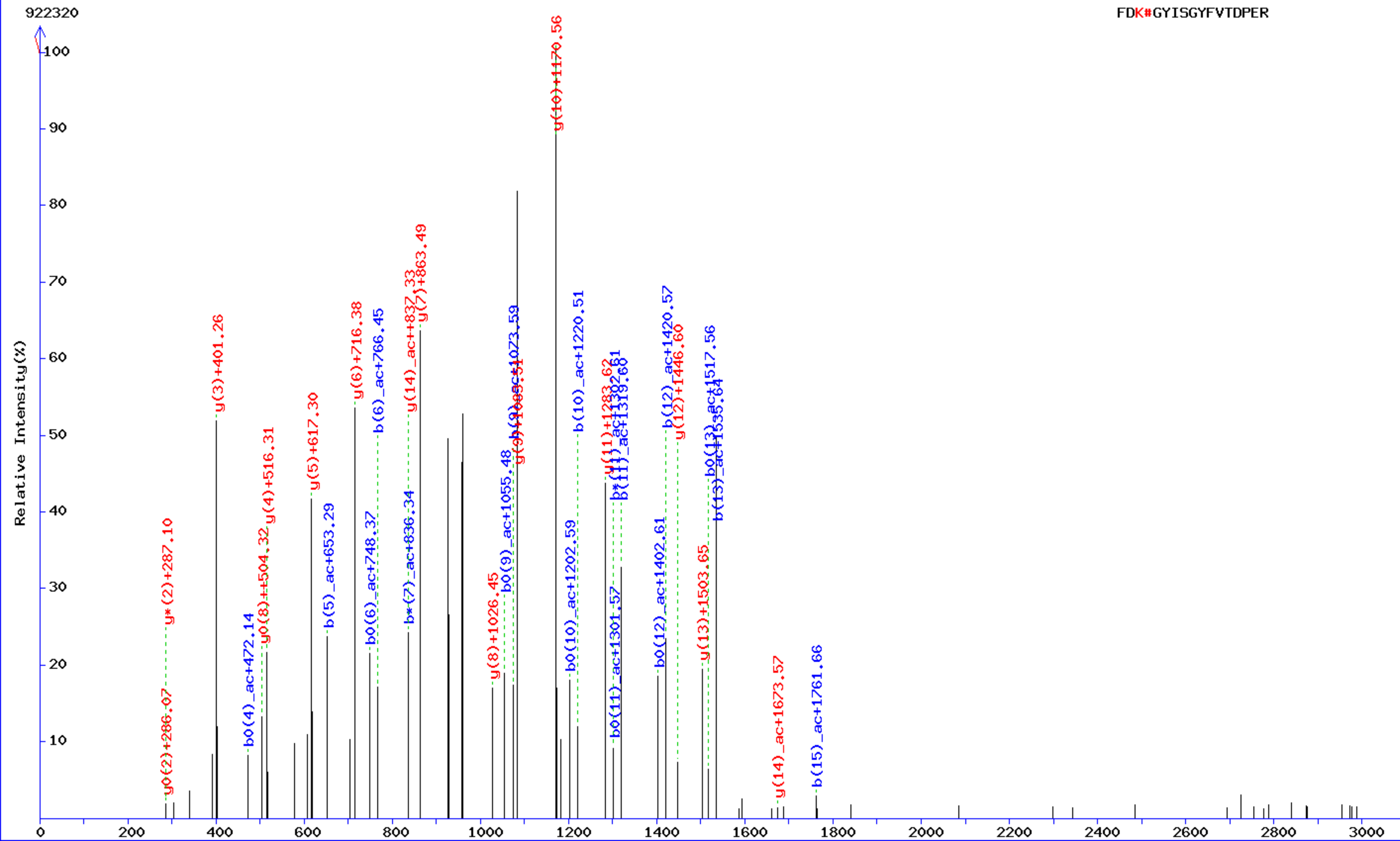
DGANIALIAK#TAEHPK



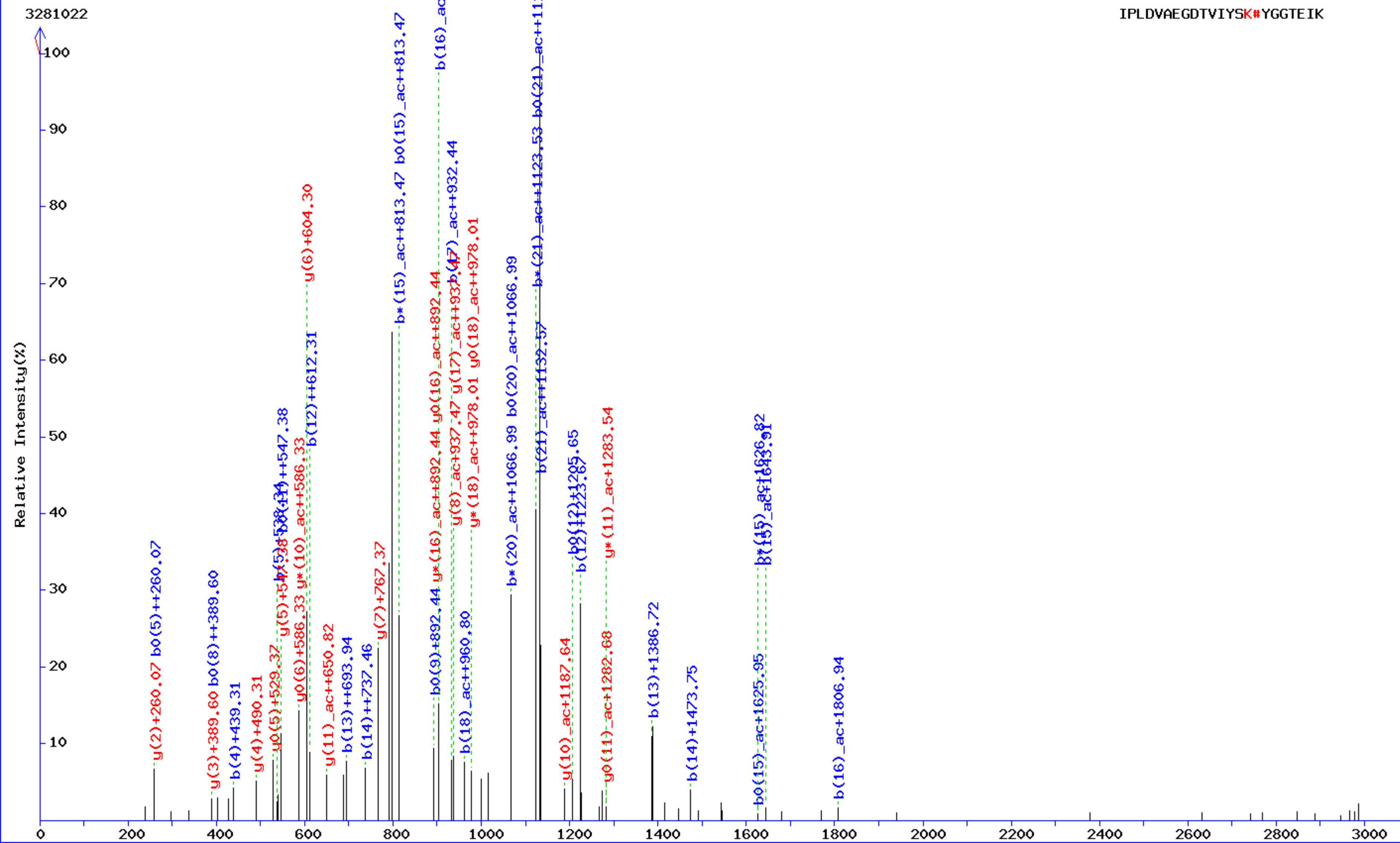


# gi|148660205 MRA\_0445 molecular chaperone GroEL

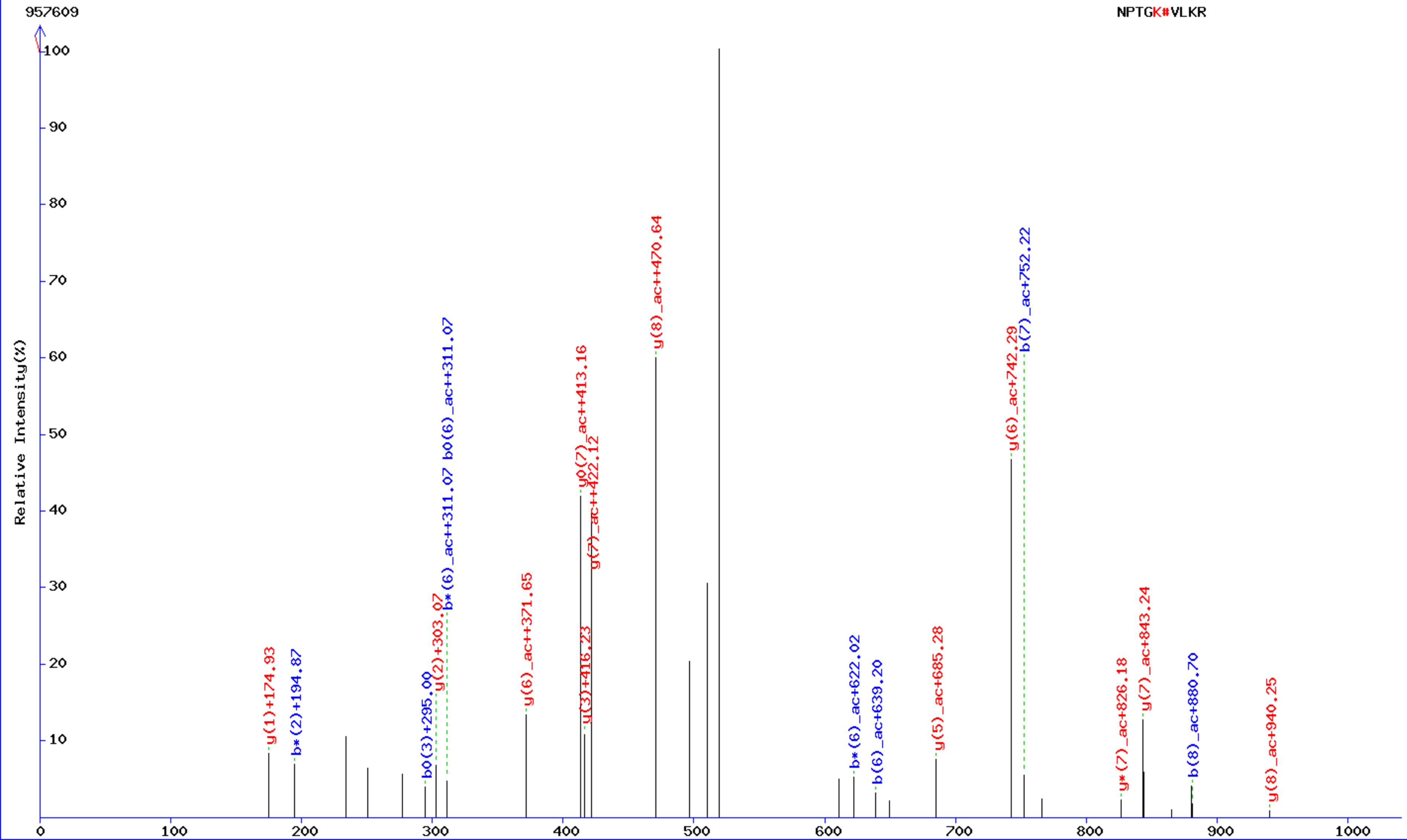
FDK#GYISGYFVTDPER





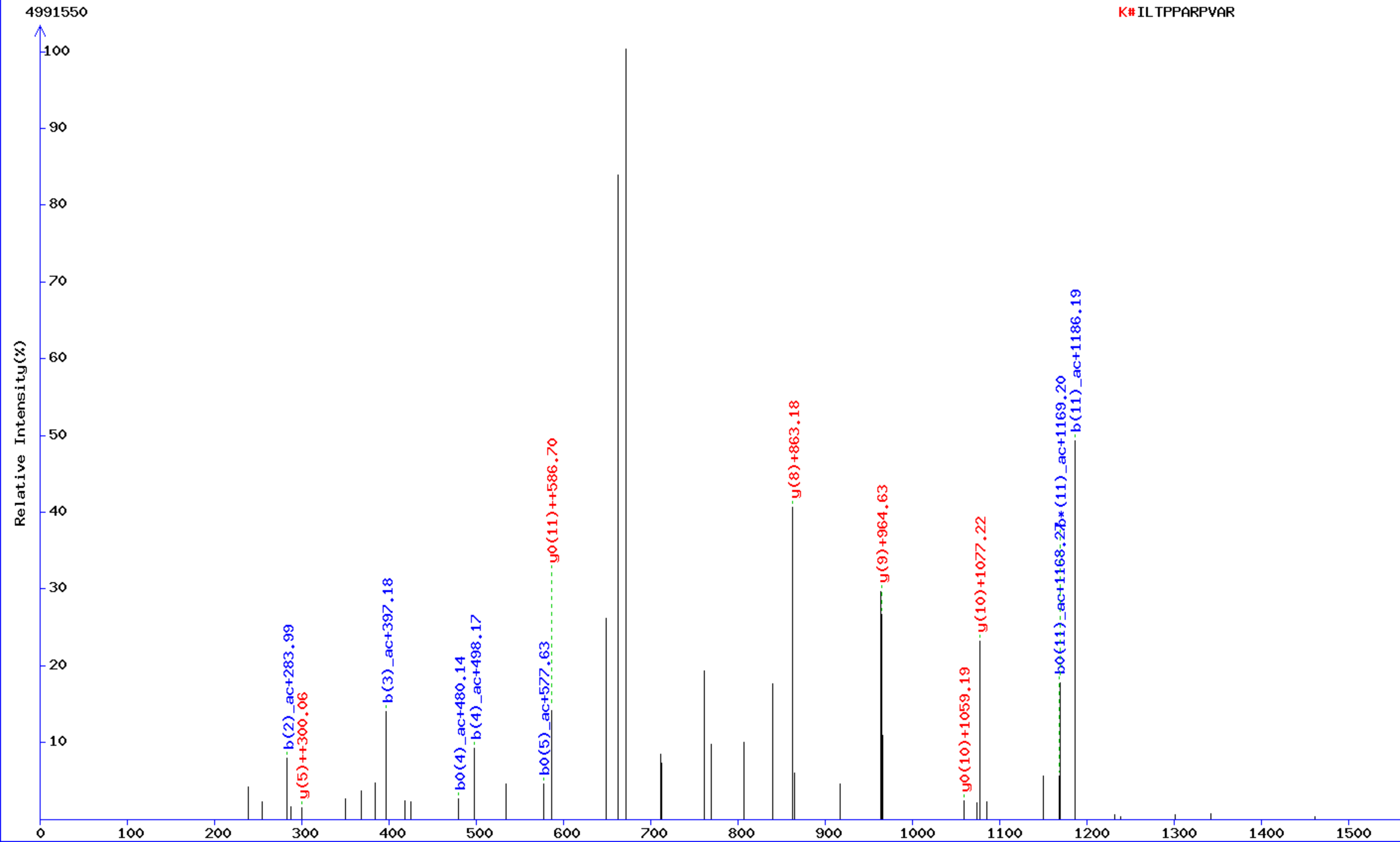


# gi|148660035 MRA\_0278 acyl-CoA synthetase



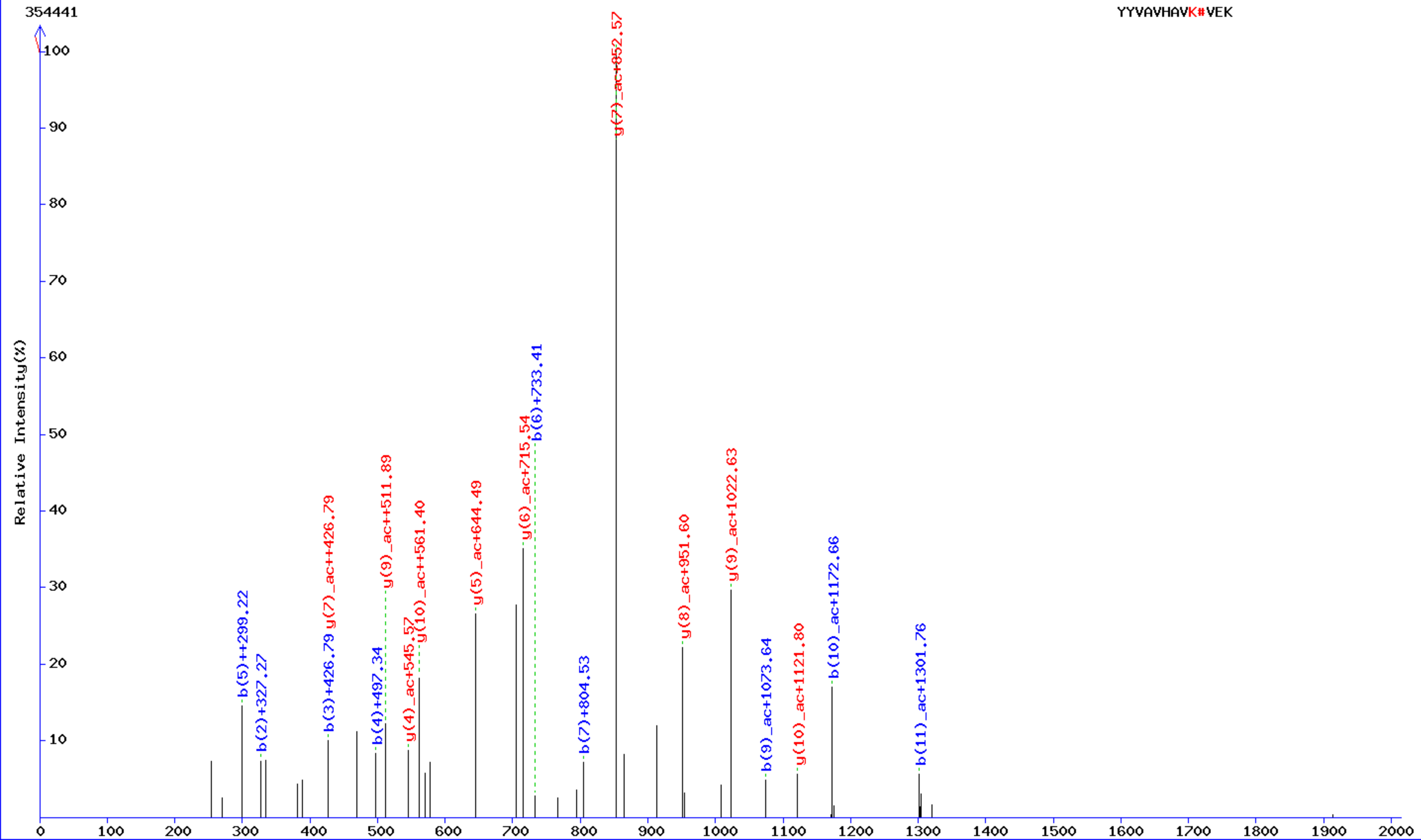
# gi|148660967 MRA\_1190 hypothetical protein

K#ILTPARPVAR



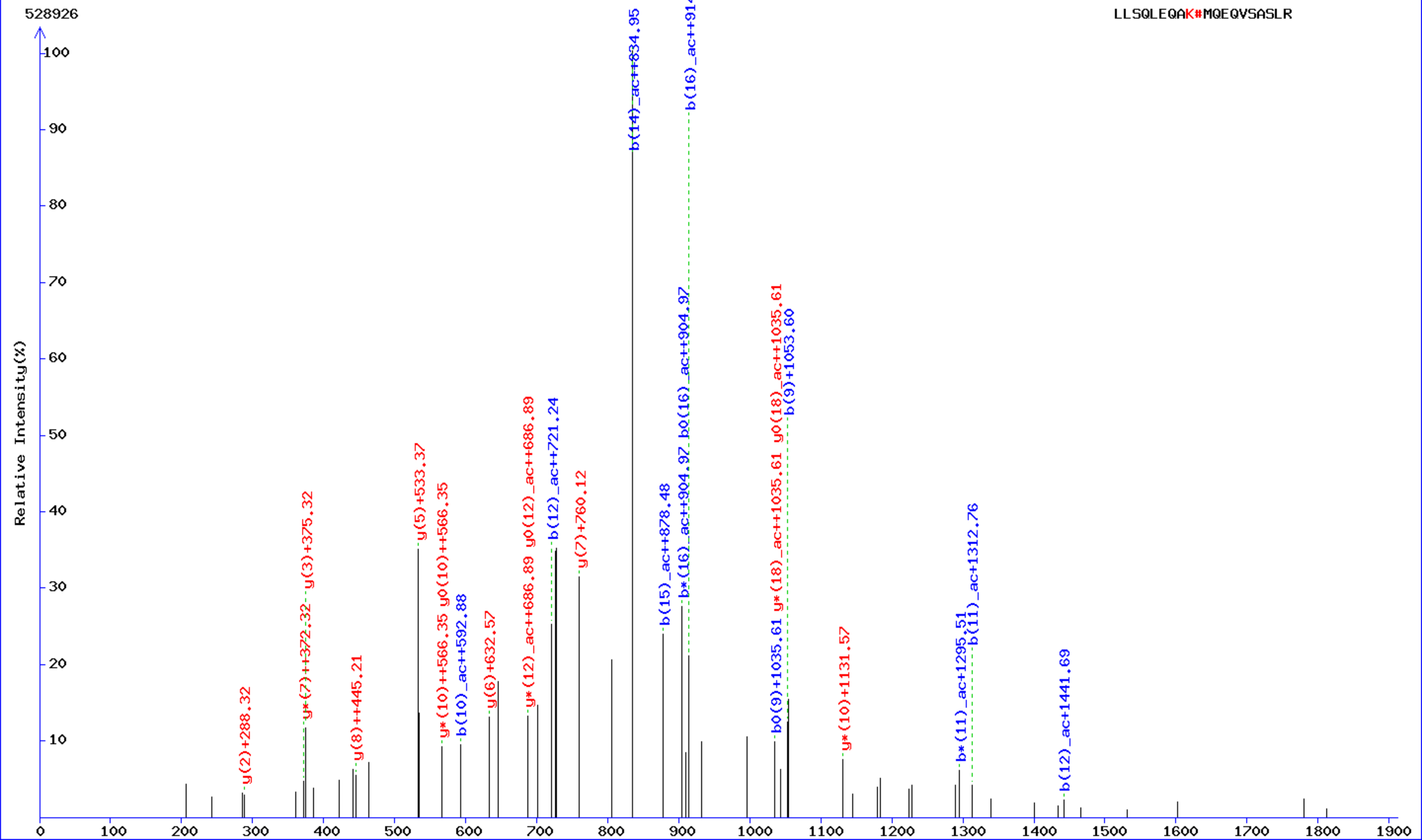
# gi|148661955 MRA\_2154 hypothetical protein

YYVAVHAVK#VEK



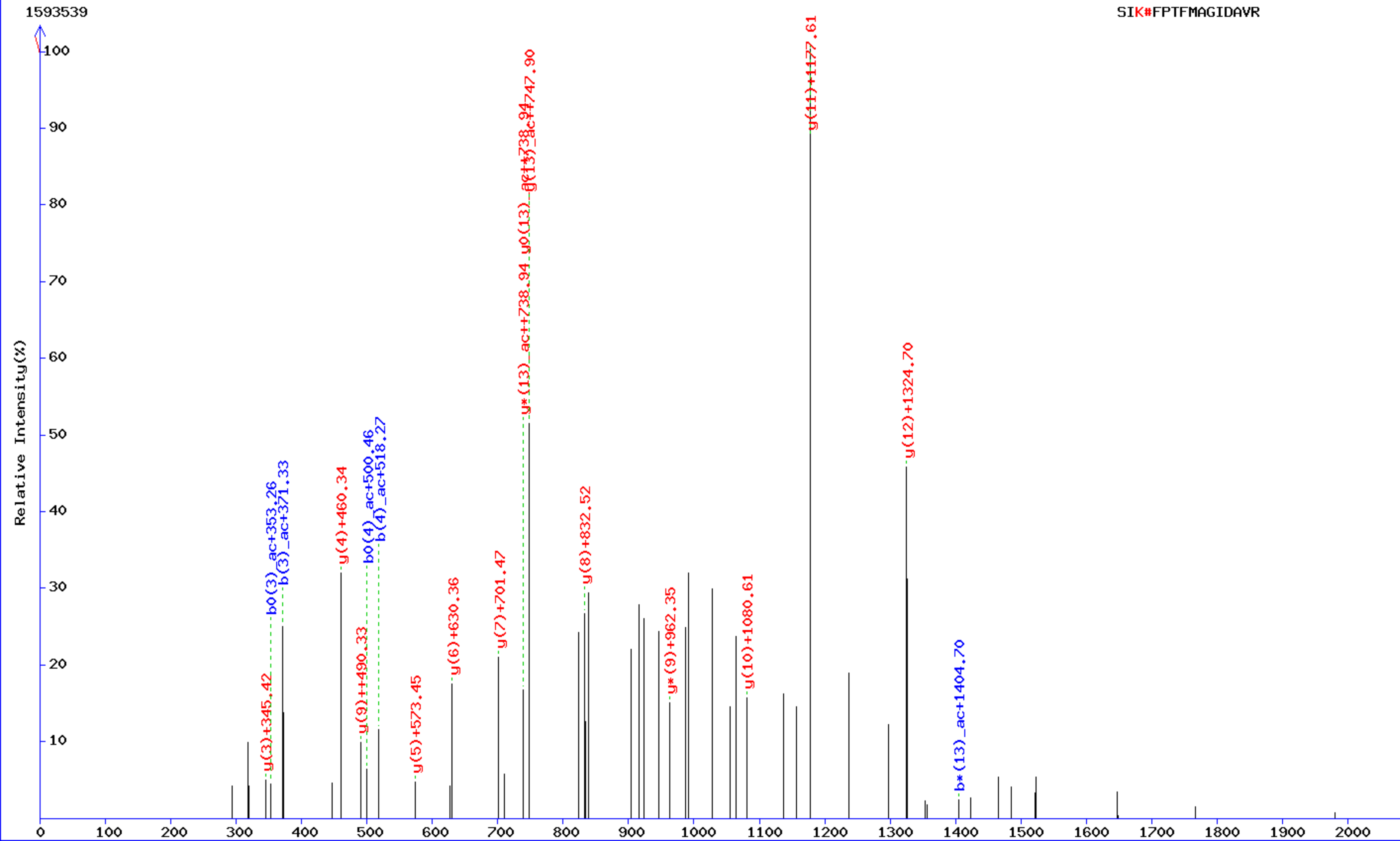
# gi|148662586 MRA\_2770 hypothetical protein

LLSQLEQAK#MQEQVSASLR



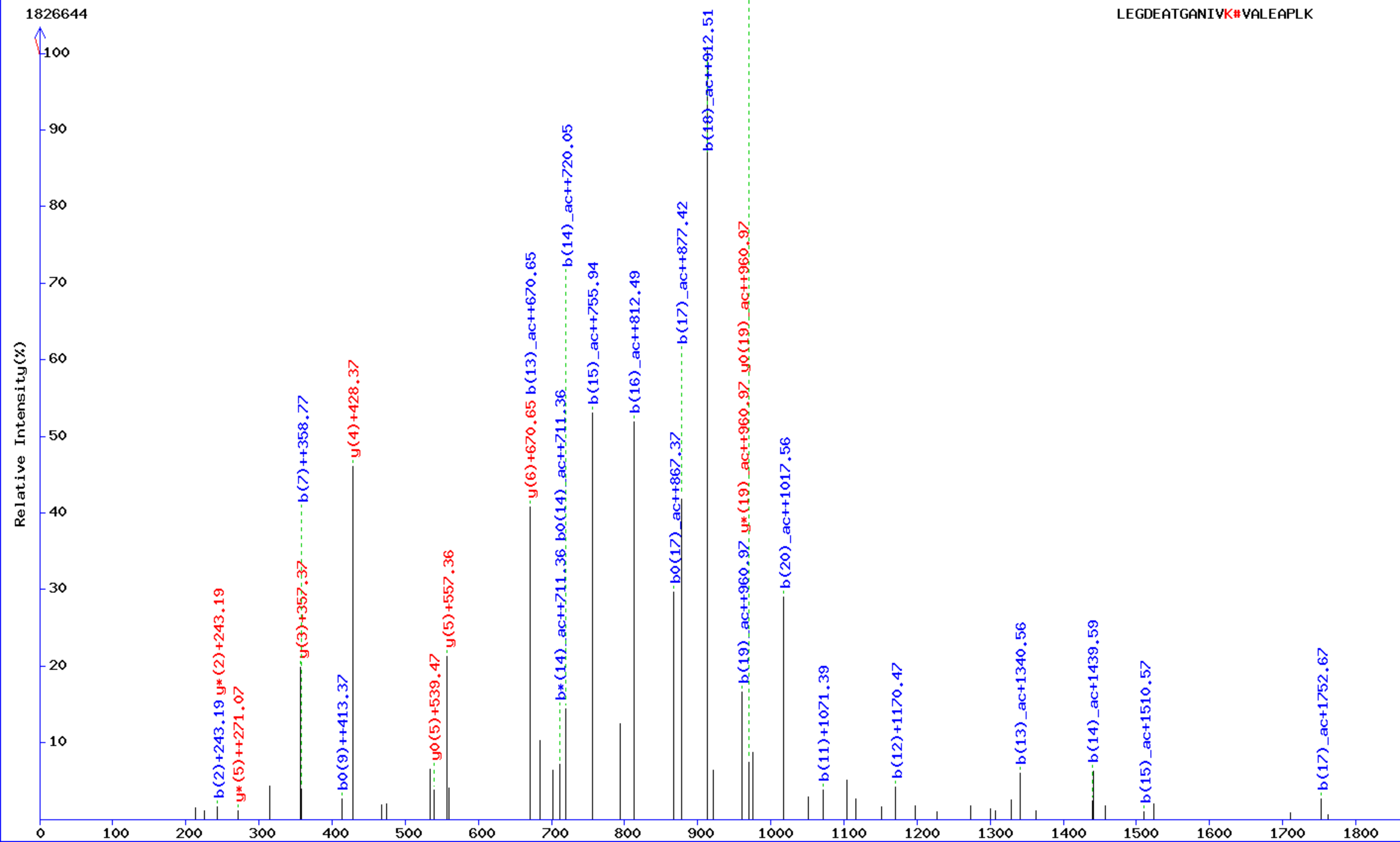
# gi|148660947 MRA\_1170 pterin-4-alpha-carbinolamine dehydratase

SIK#FPTFMAGIDAVR



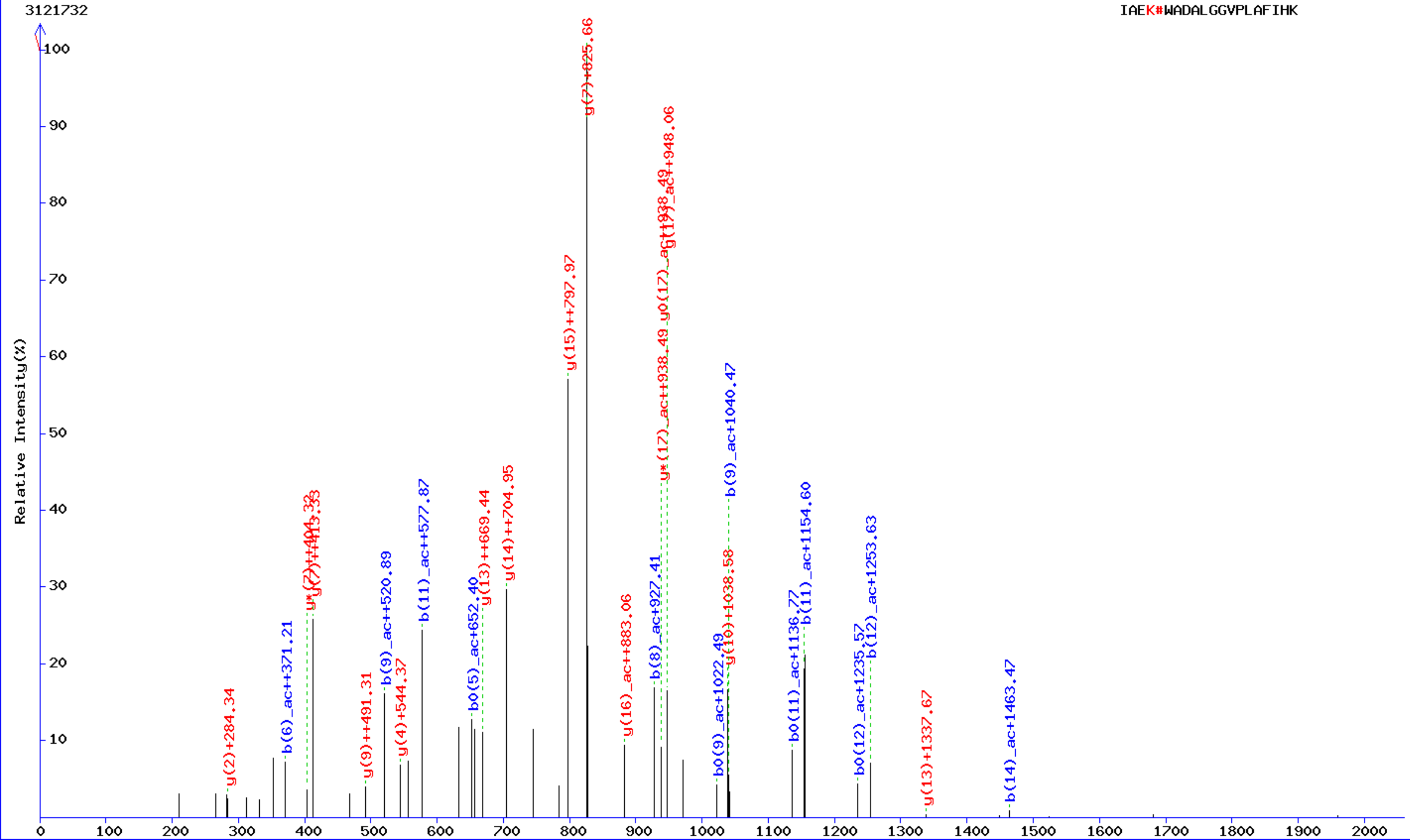
# gi|148660205 MRA\_0445 molecular chaperone GroEL

LEGDEATGANIVK#VALEAPLK



# gi|148660799 MRA\_1025 ribose-phosphate pyrophosphokinase

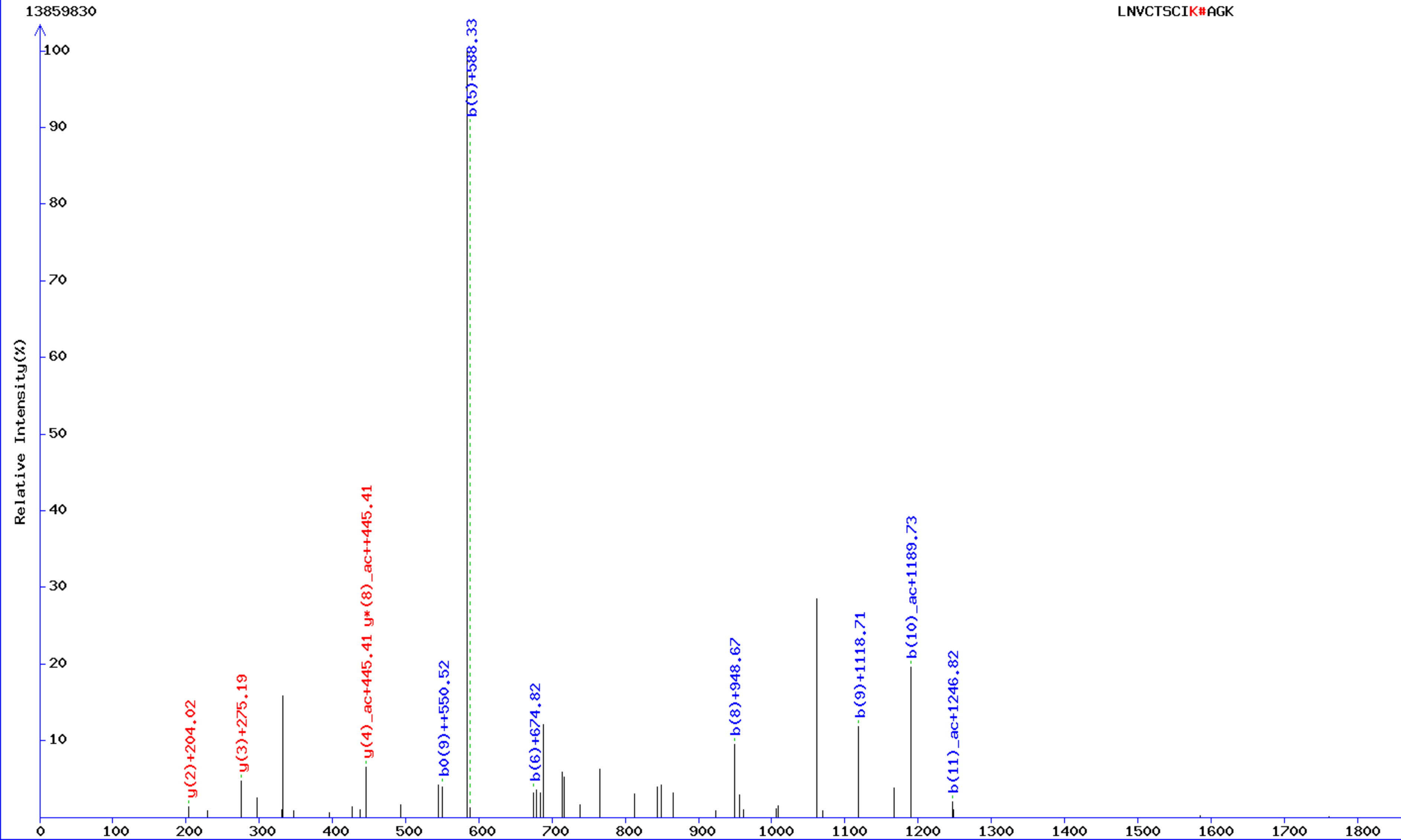
IAEK#WADALGGVPLAFIHK





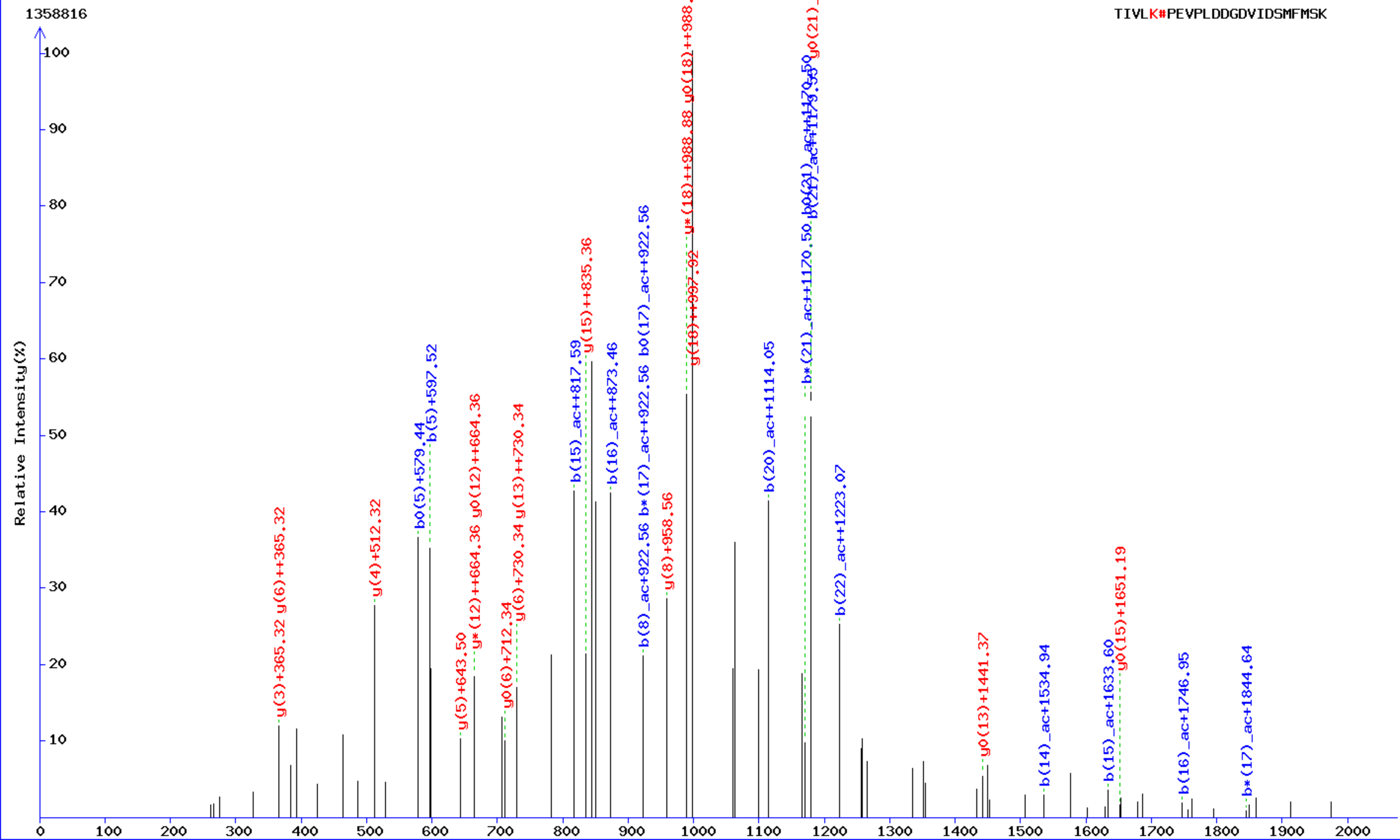
# gi|148662825 MRA\_3004 50S ribosomal protein L28

LNVCTSCI**K**#AGK



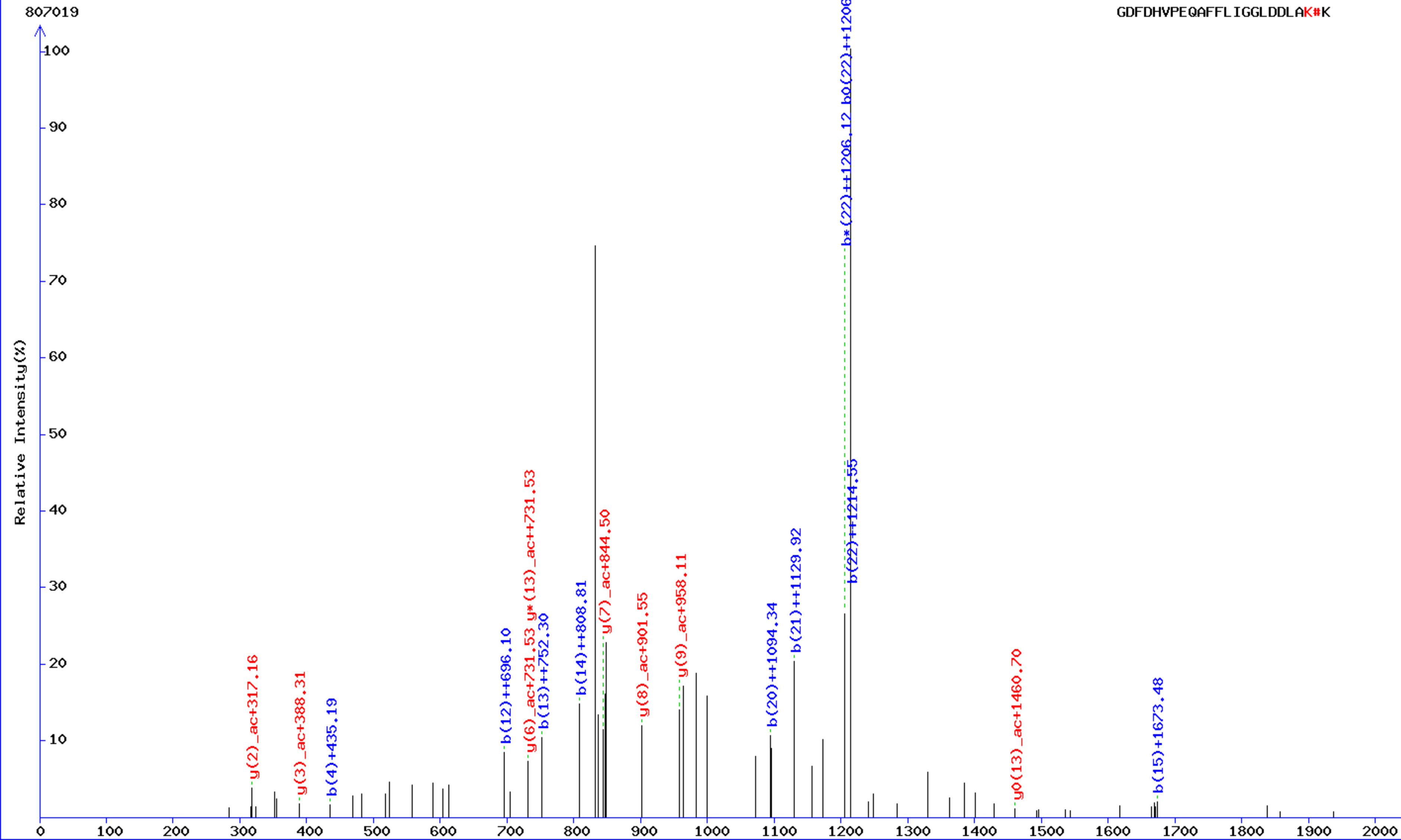
# gi|148659826 MRA\_0068 isocitrate dehydrogenase (NADP) Icd2

TIVLK#PEVPLDDGDVIDSMFMSK



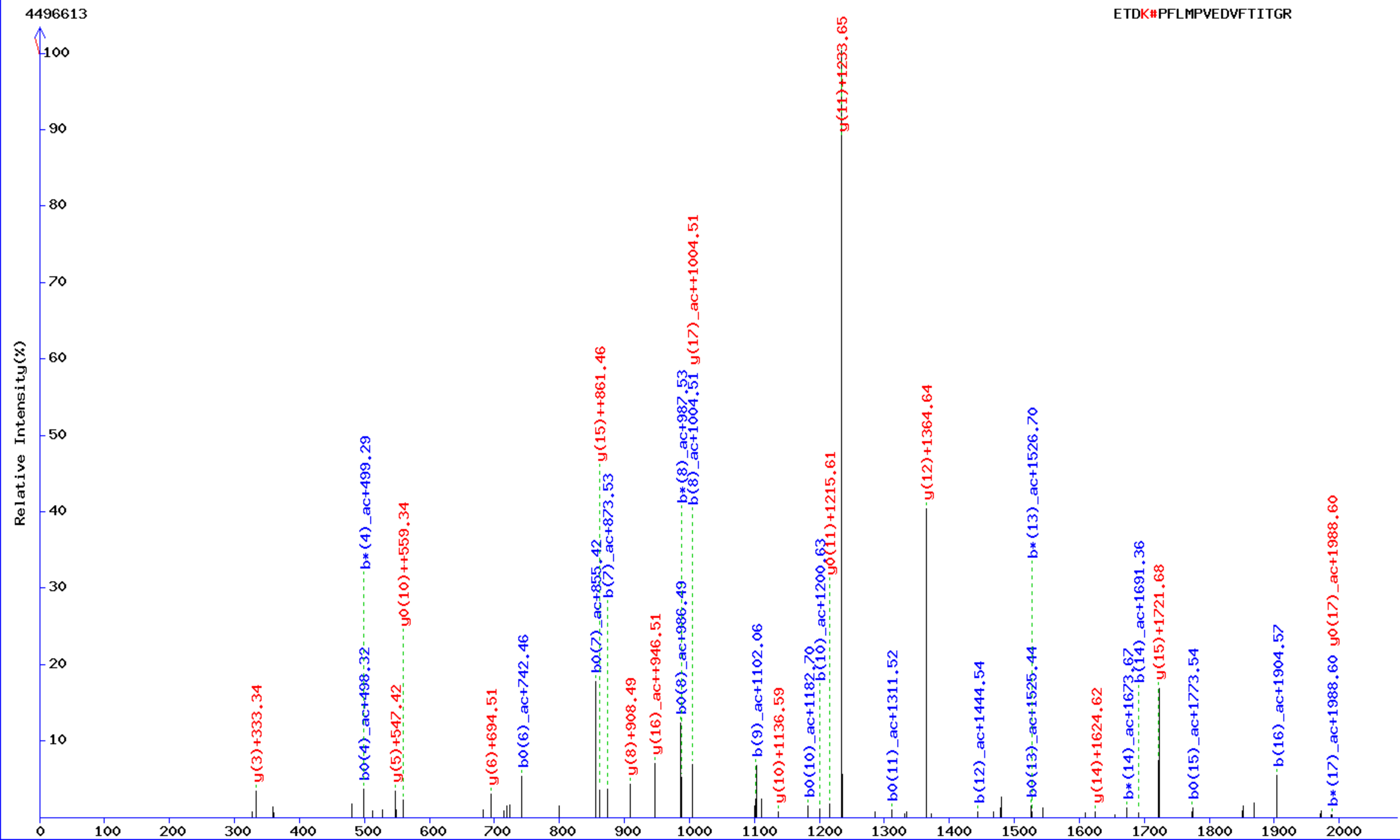
# gi|148661098 MRA\_1318 ATP synthase F0F1 subunit beta

GDFDHVPEQAFFLIGGLDDLAK#K



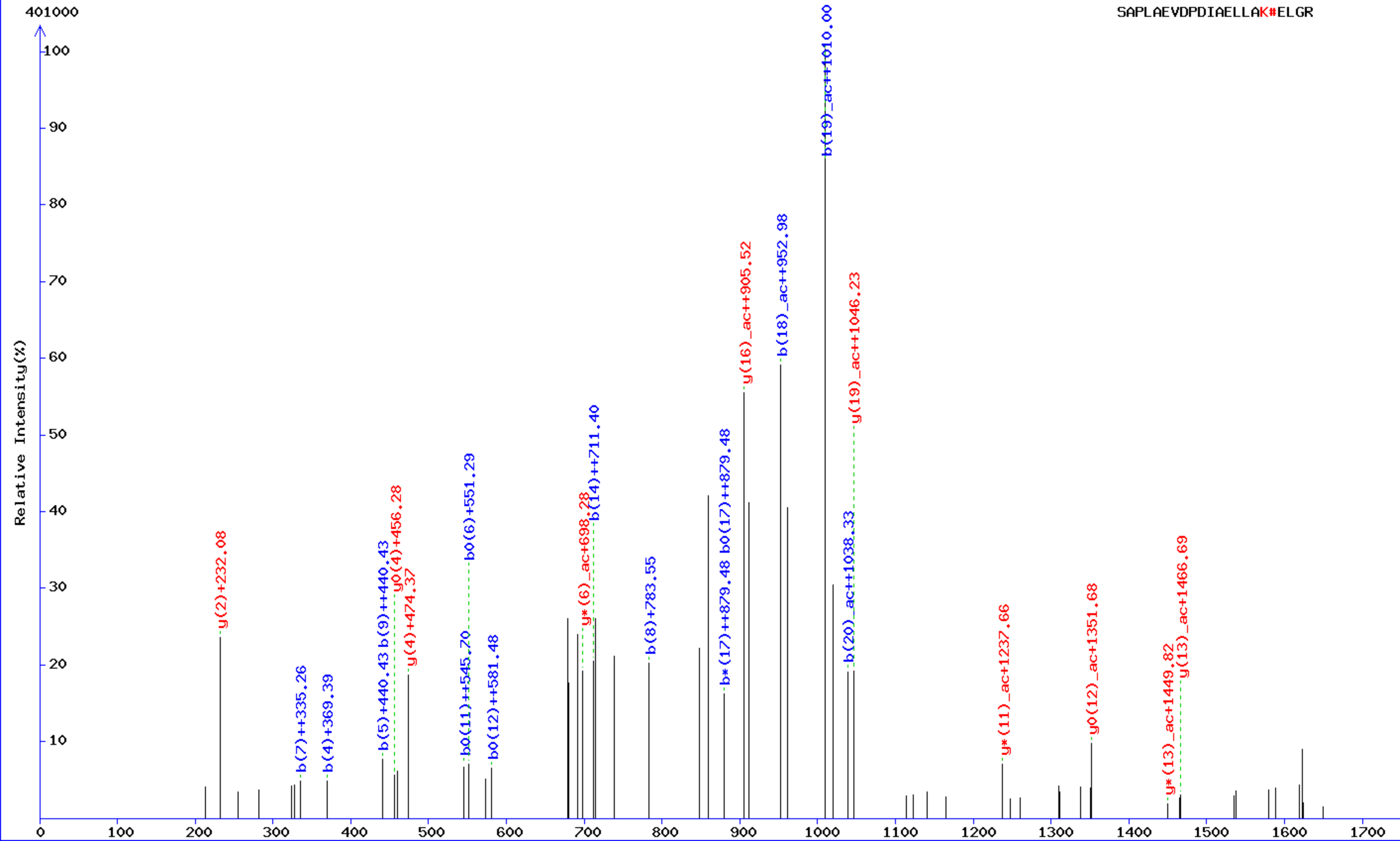
# gi|148660460 MRA\_0694 elongation factor Tu

ETDK#PFLMPVEDVFTITGR



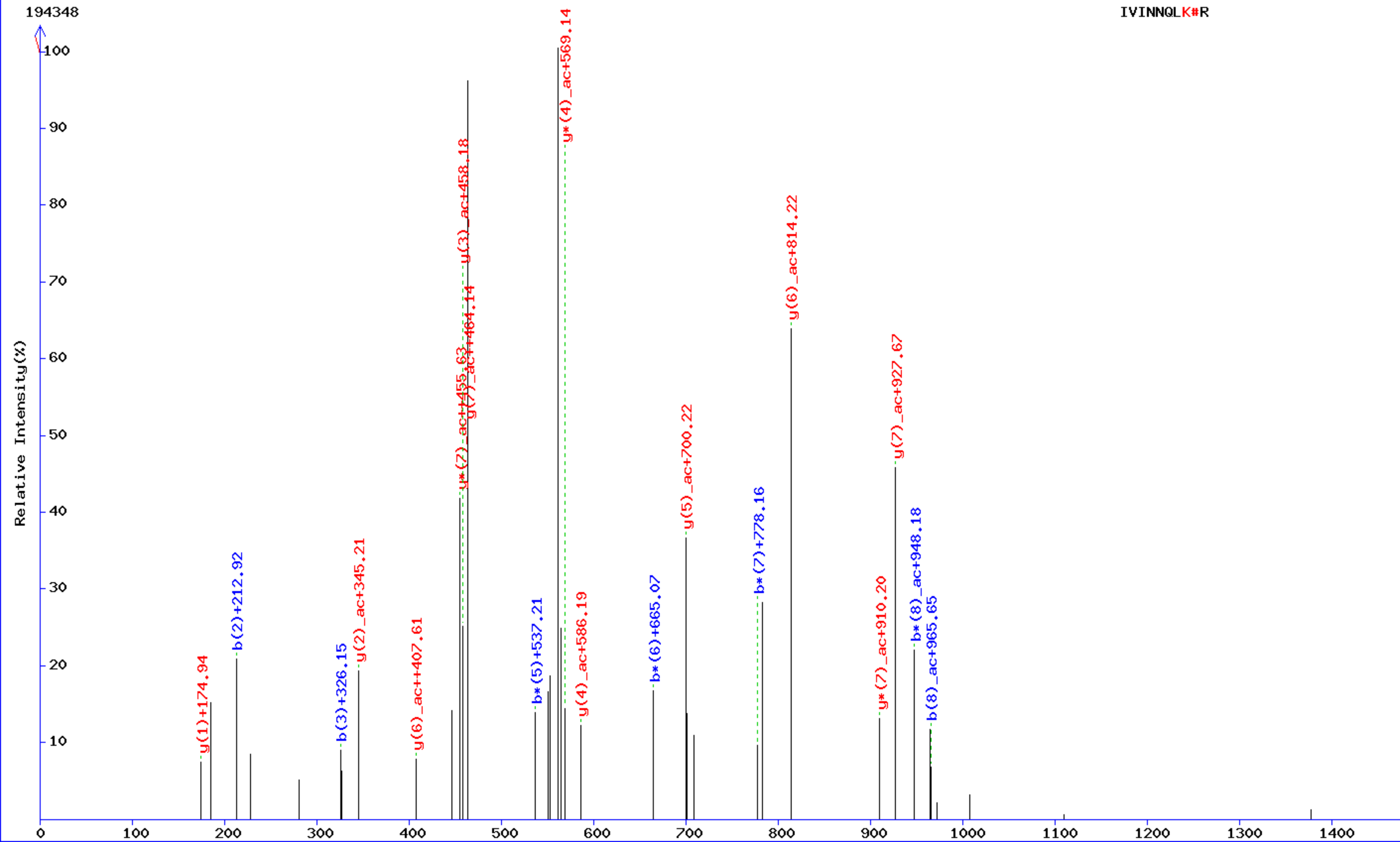
# gi|148660879 MRA\_1104 serine hydroxymethyltransferase

SAPLAEVDPDIAELLAK#ELGR



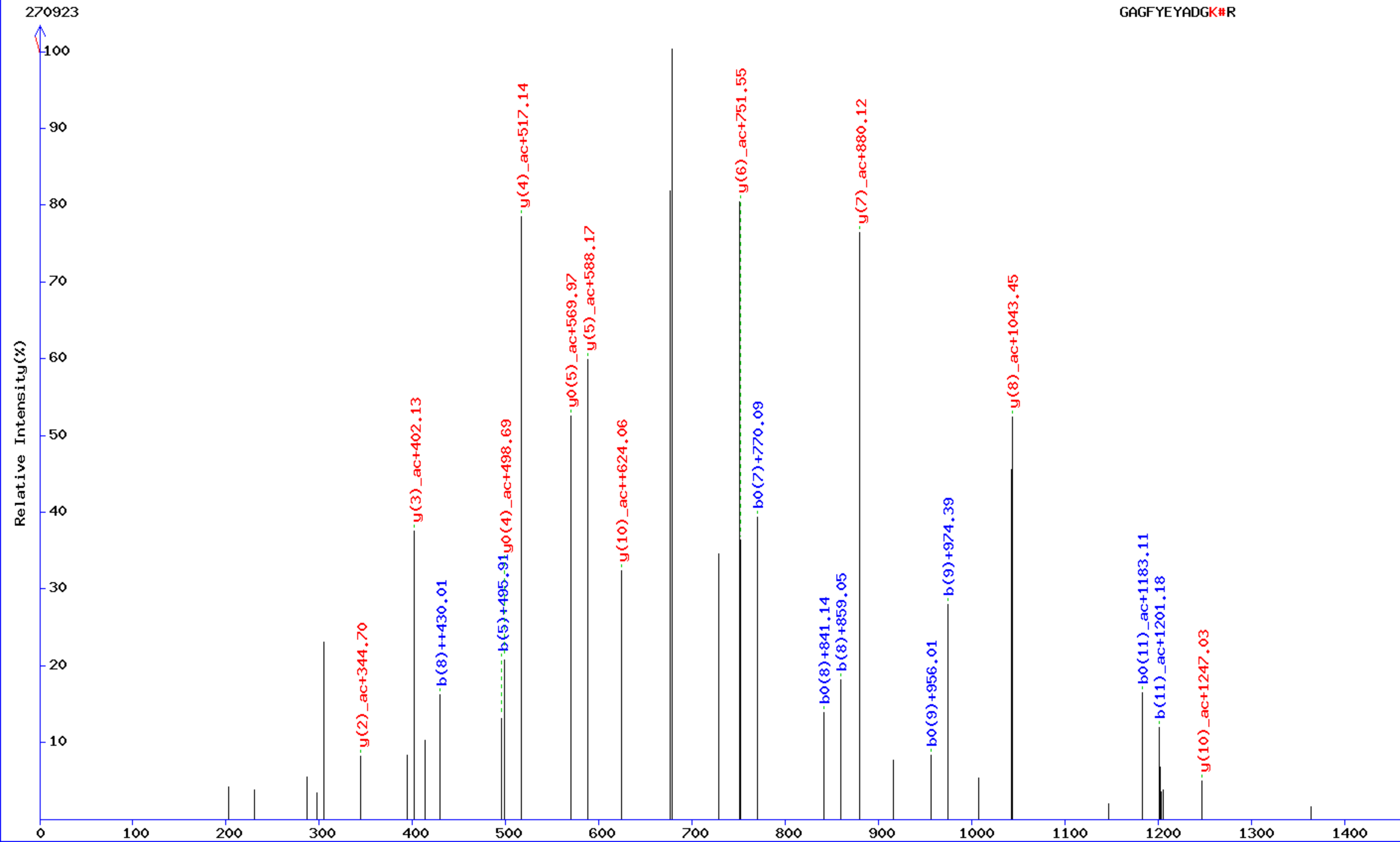
# gi|148661035 MRA\_1256 alpha-ketoglutarate decarboxylase

IVINNQLK#R

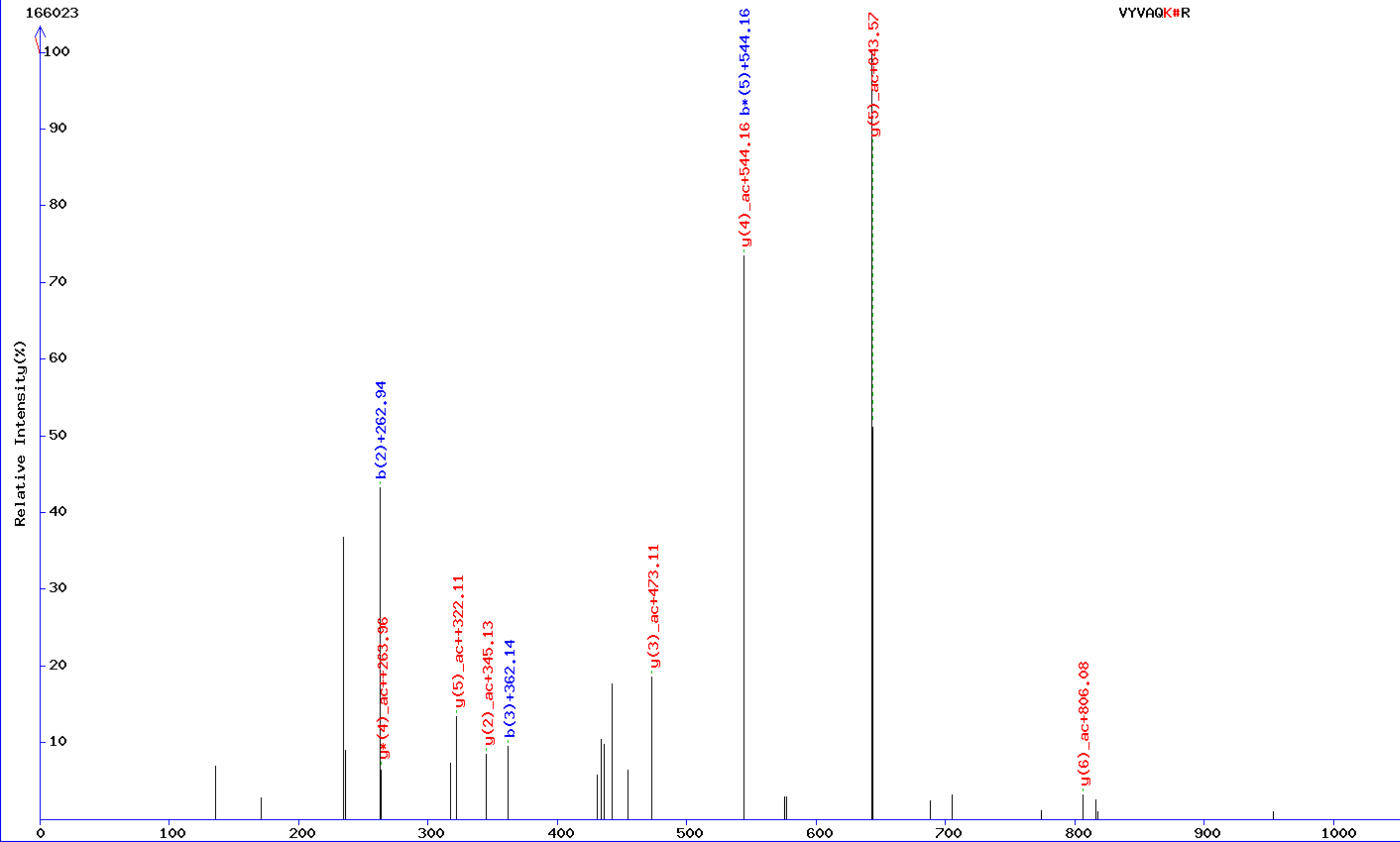


# gi|148660637 MRA\_0868 fatty oxidation complex subunit alpha

GAGFYEYADGK#R



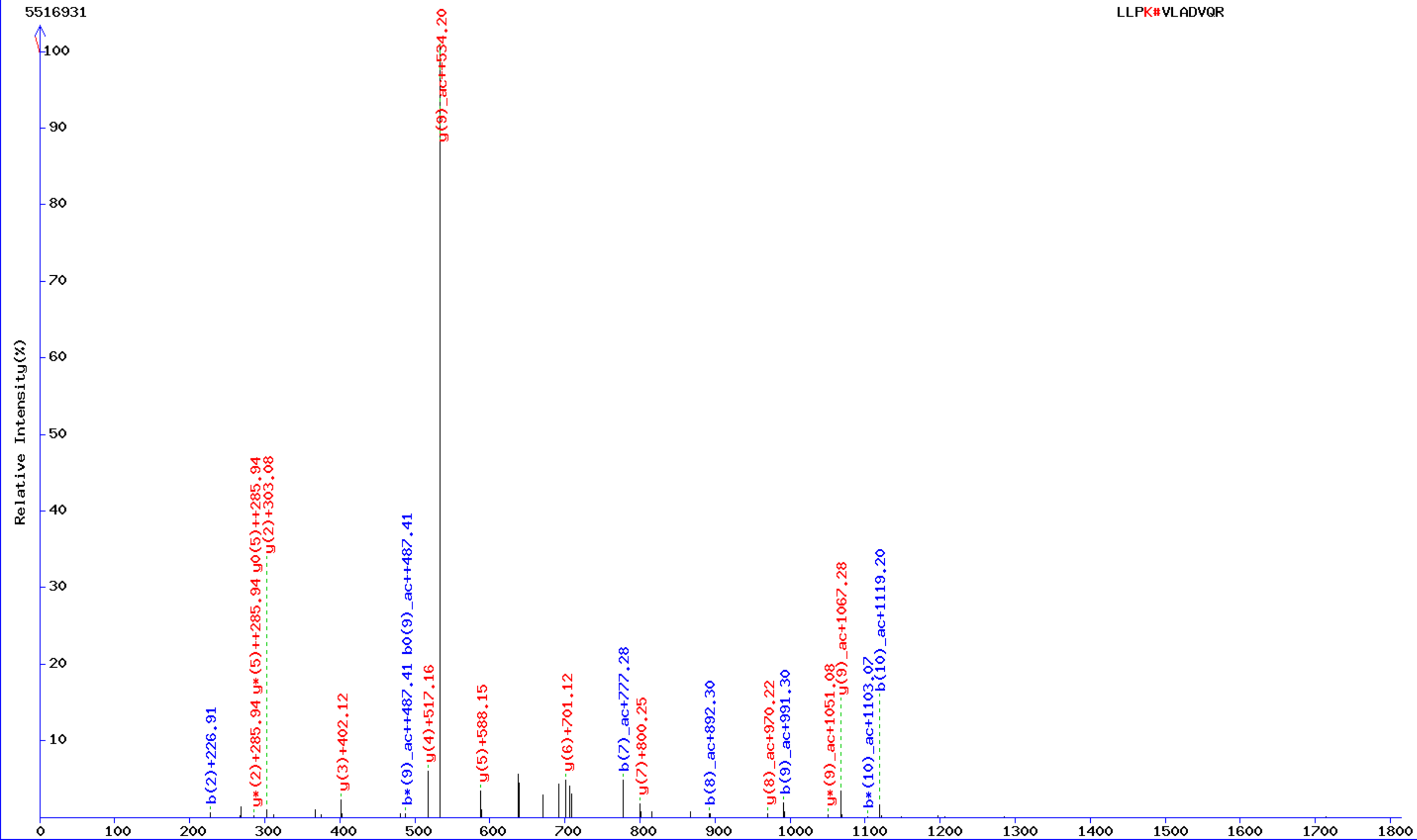
# gi|148660441 MRA\_0676 DNA-directed RNA polymerase subunit beta





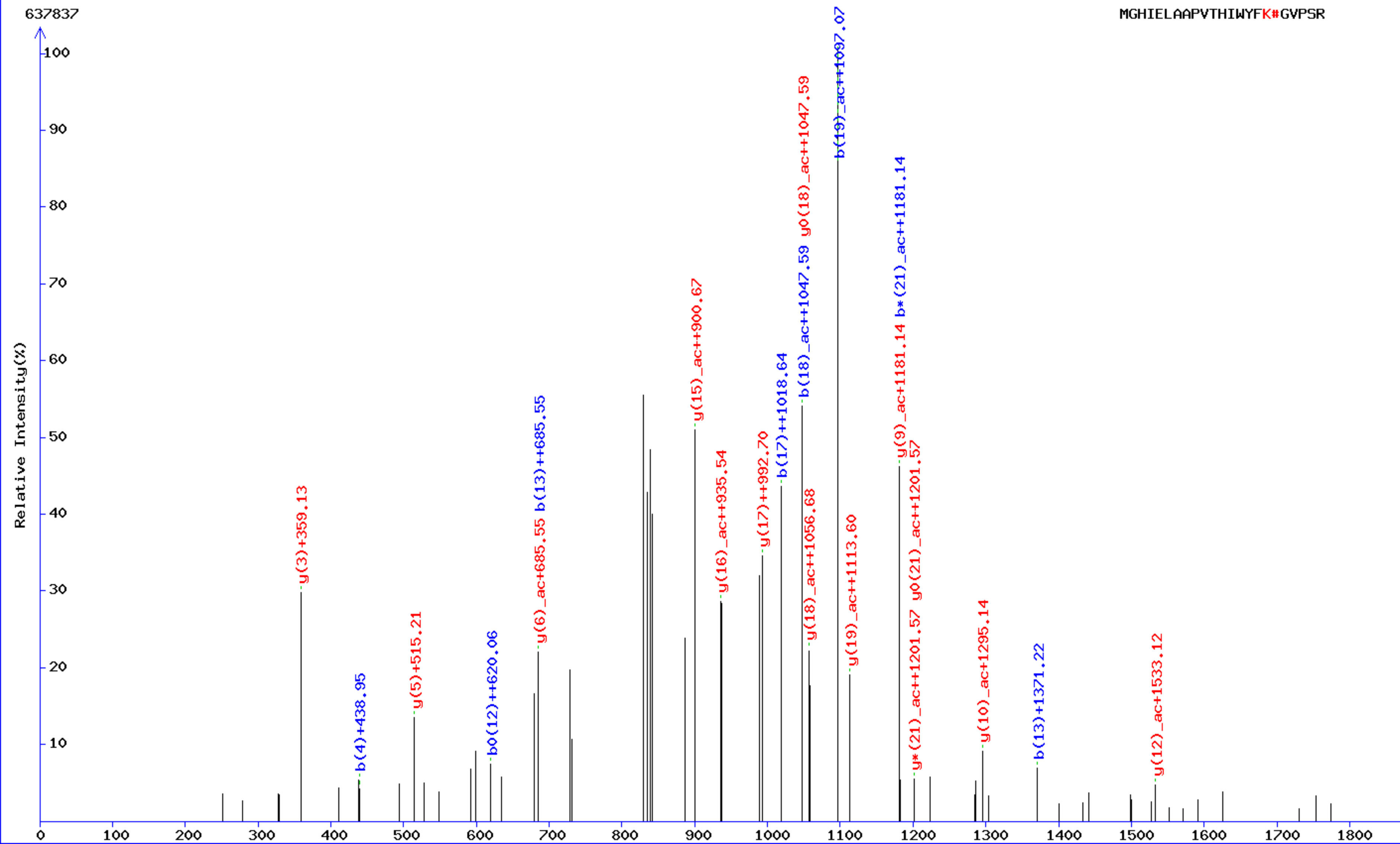
# gi|148662311 MRA\_2501 NAD-dependent glutamate dehydrogenase Gdh

LLPK#VLADVQR

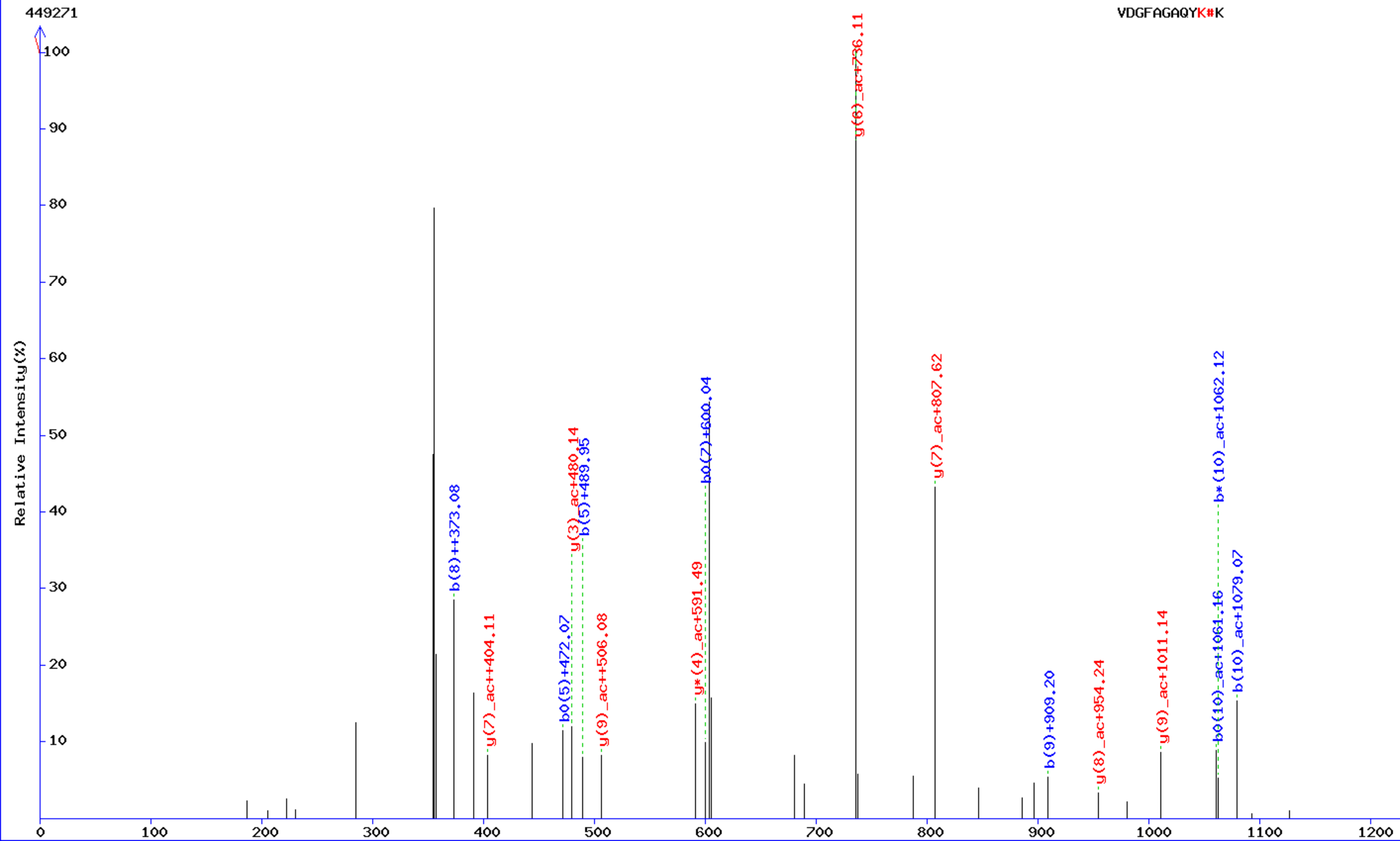


# gi|148660442 MRA\_0677 DNA-directed RNA polymerase subunit beta'

MGHIELAAPVTHIWYFK#GVPSR

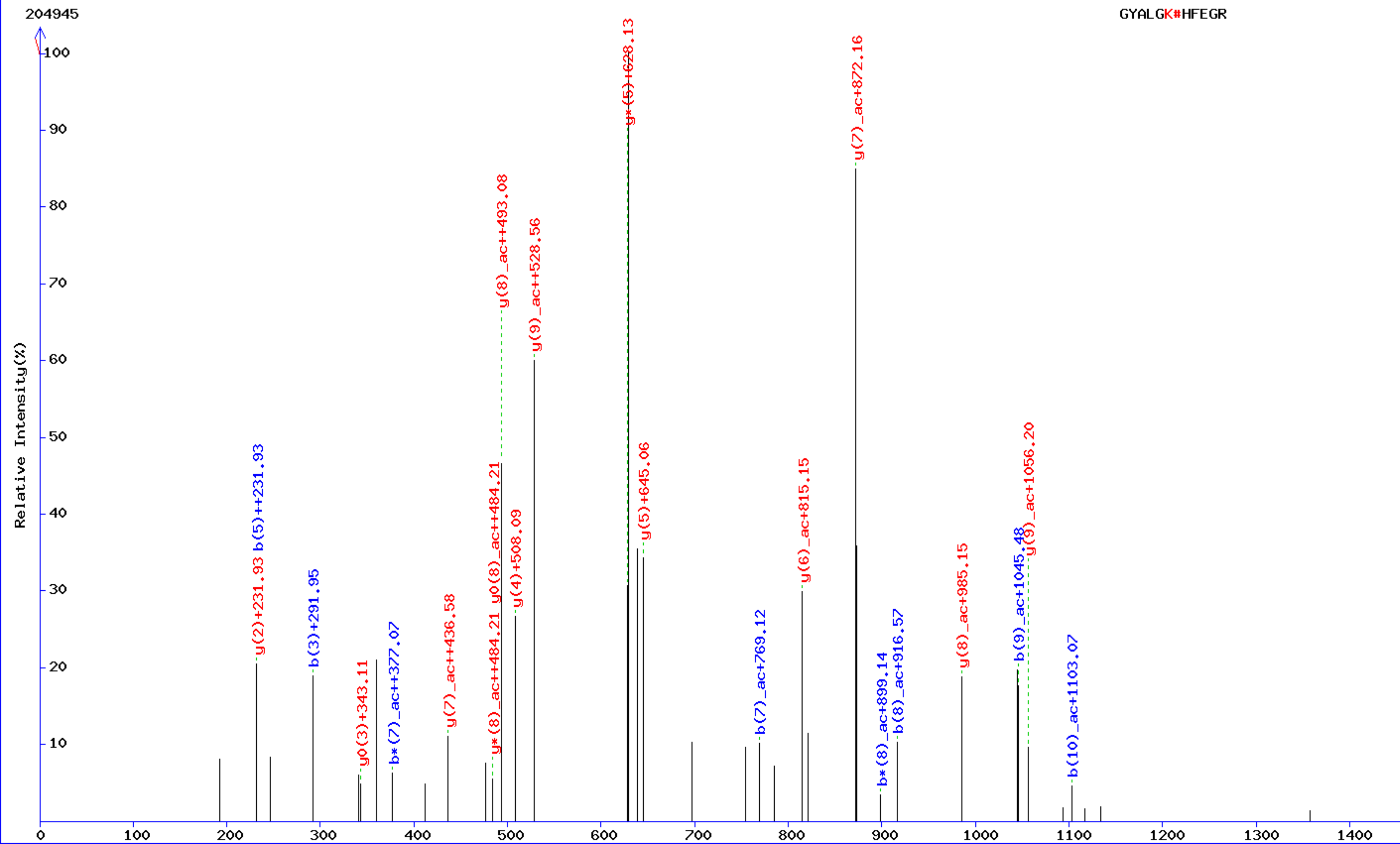


# gi|148661035 MRA\_1256 alpha-ketoglutarate decarboxylase



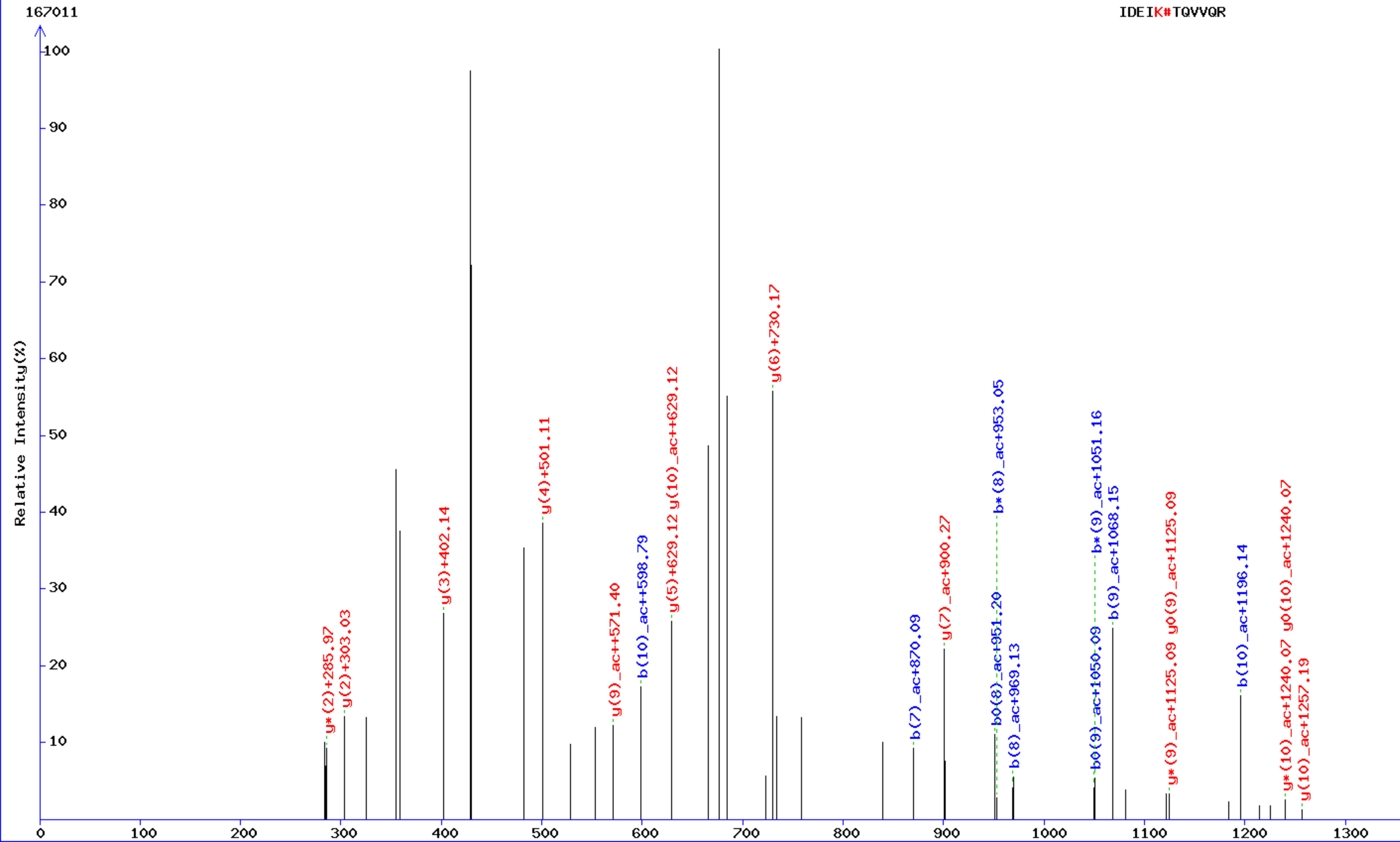
# gi|148662062 MRA\_2261 pyruvate dehydrogenase subunit E1

GYALGK#HFEGR

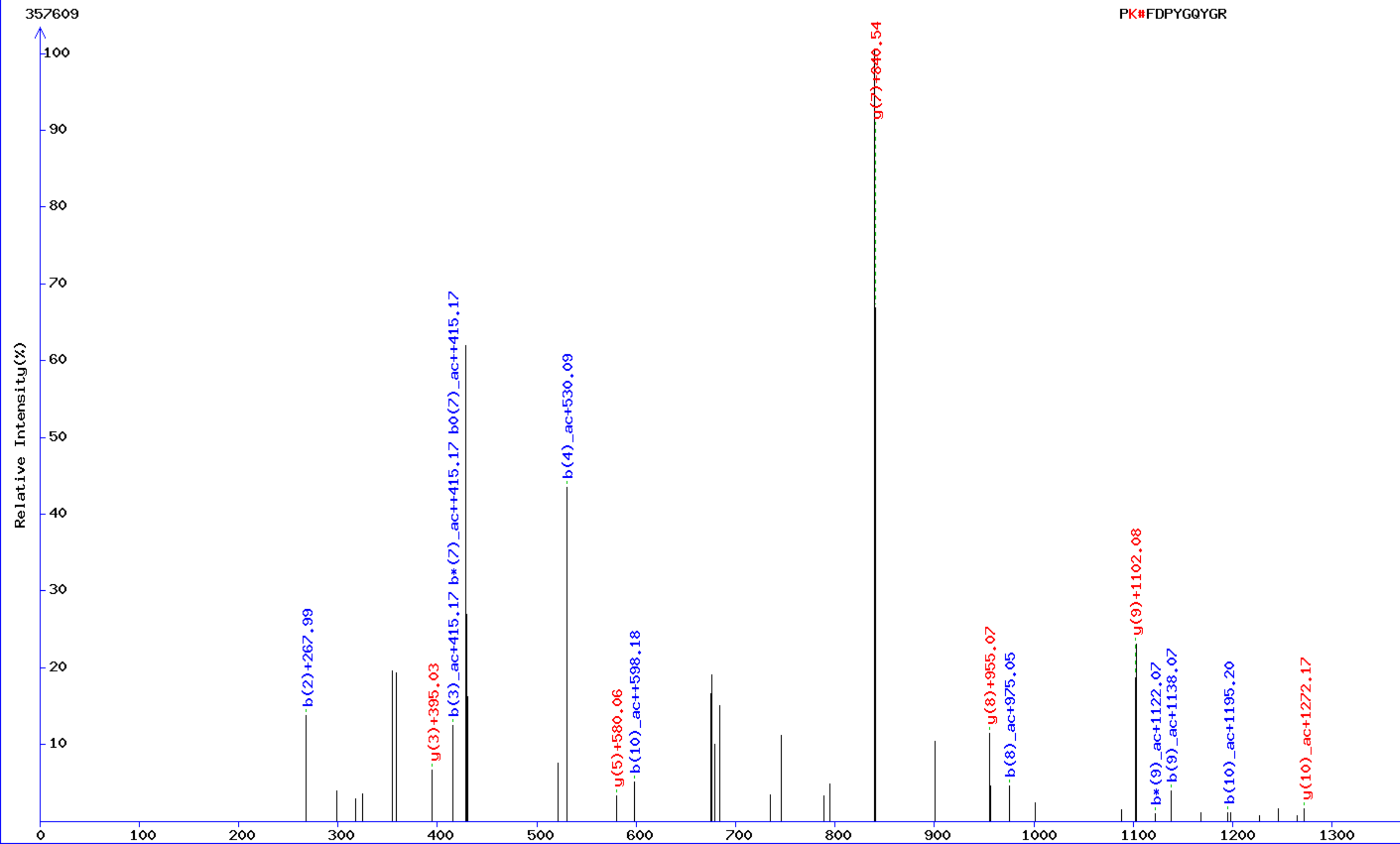


# gi|148662625 MRA\_2807 polynucleotide phosphorylase

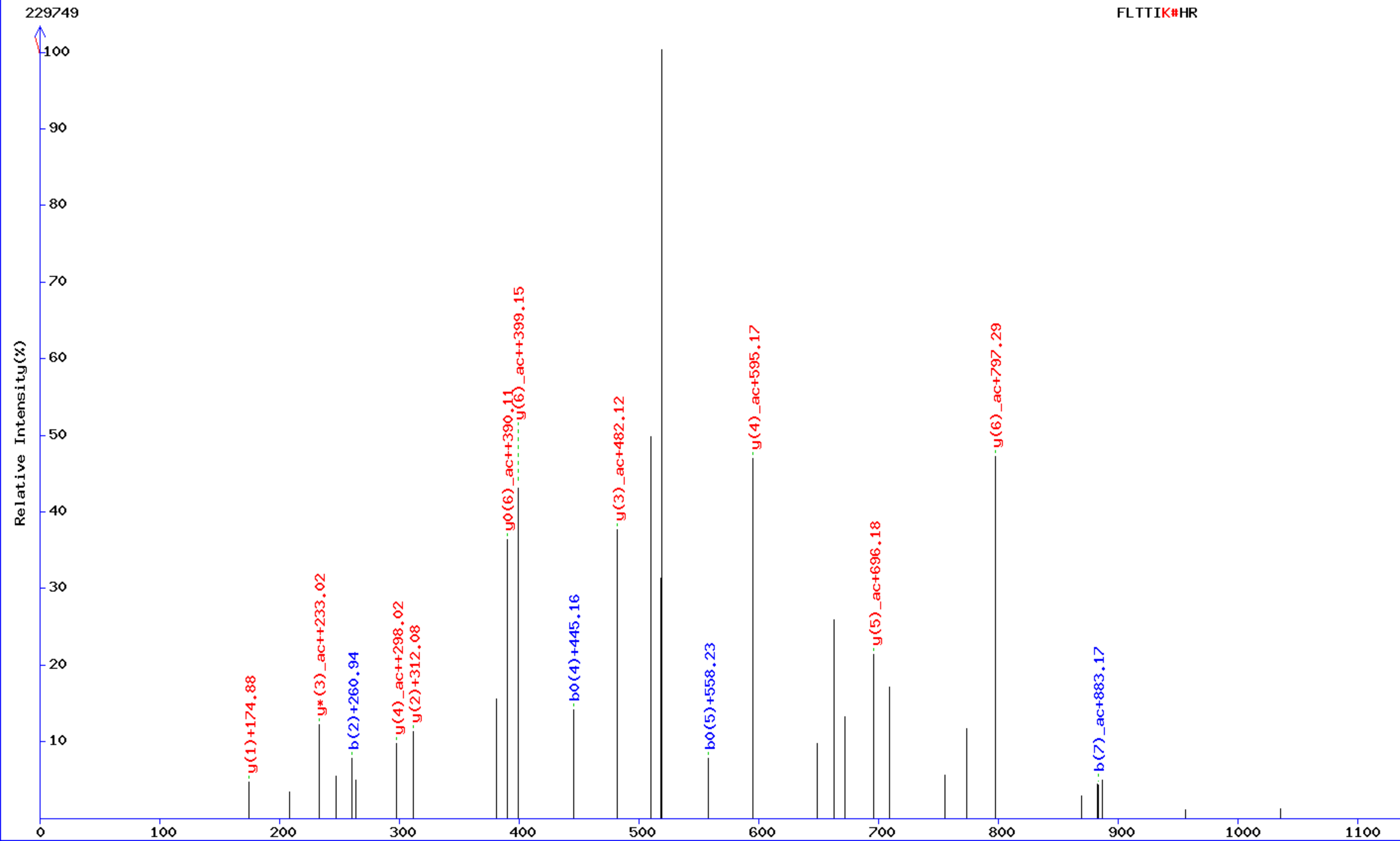
IDEIK#TQVVQR



# gi|148660733 MRA\_0961 transmembrane protein

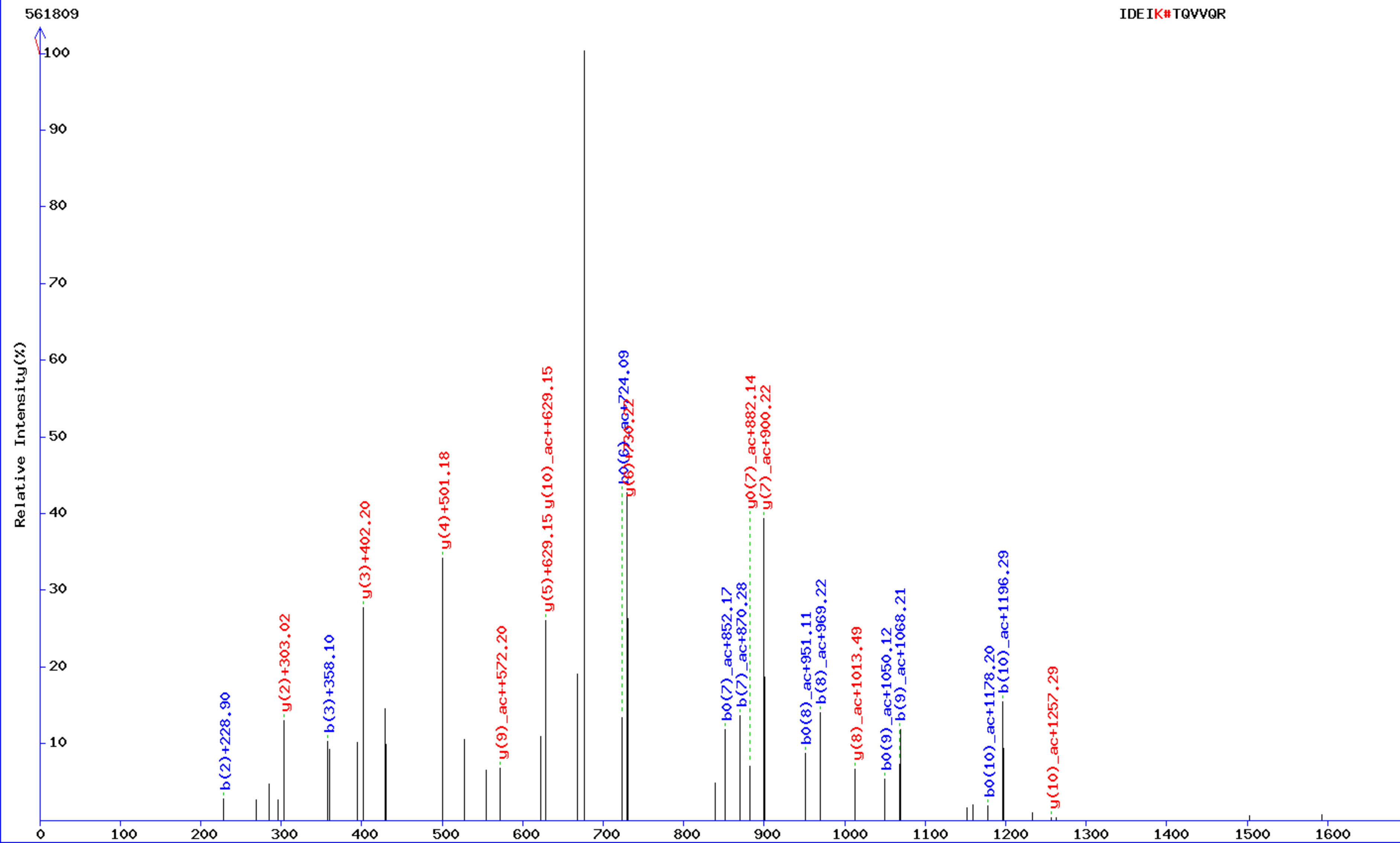


# gi|148662032 MRA\_2231 dihydrolipoamide acetyltransferase



# gi|148662625 MRA\_2807 polynucleotide phosphorylase

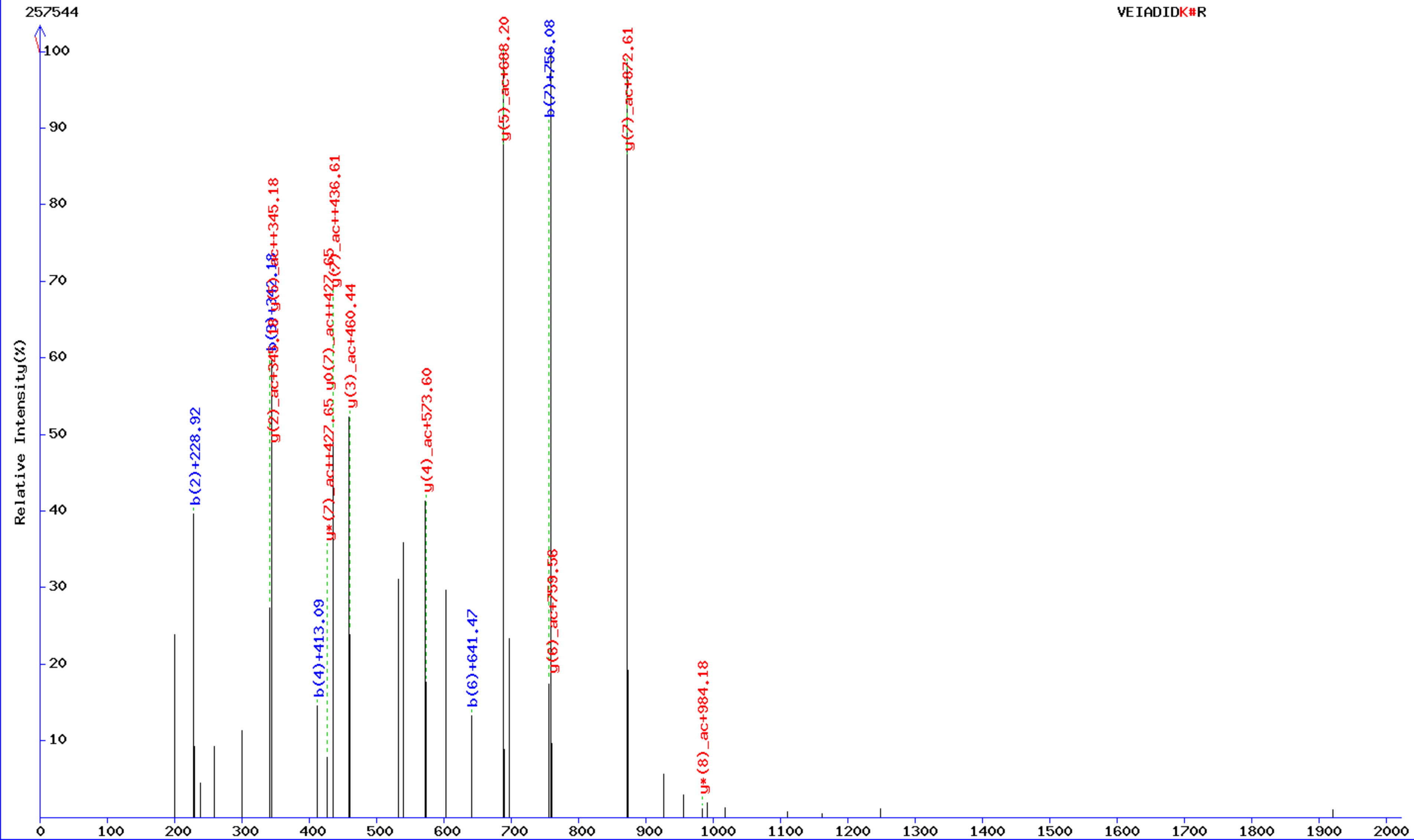
IDEIK#TQVVQR



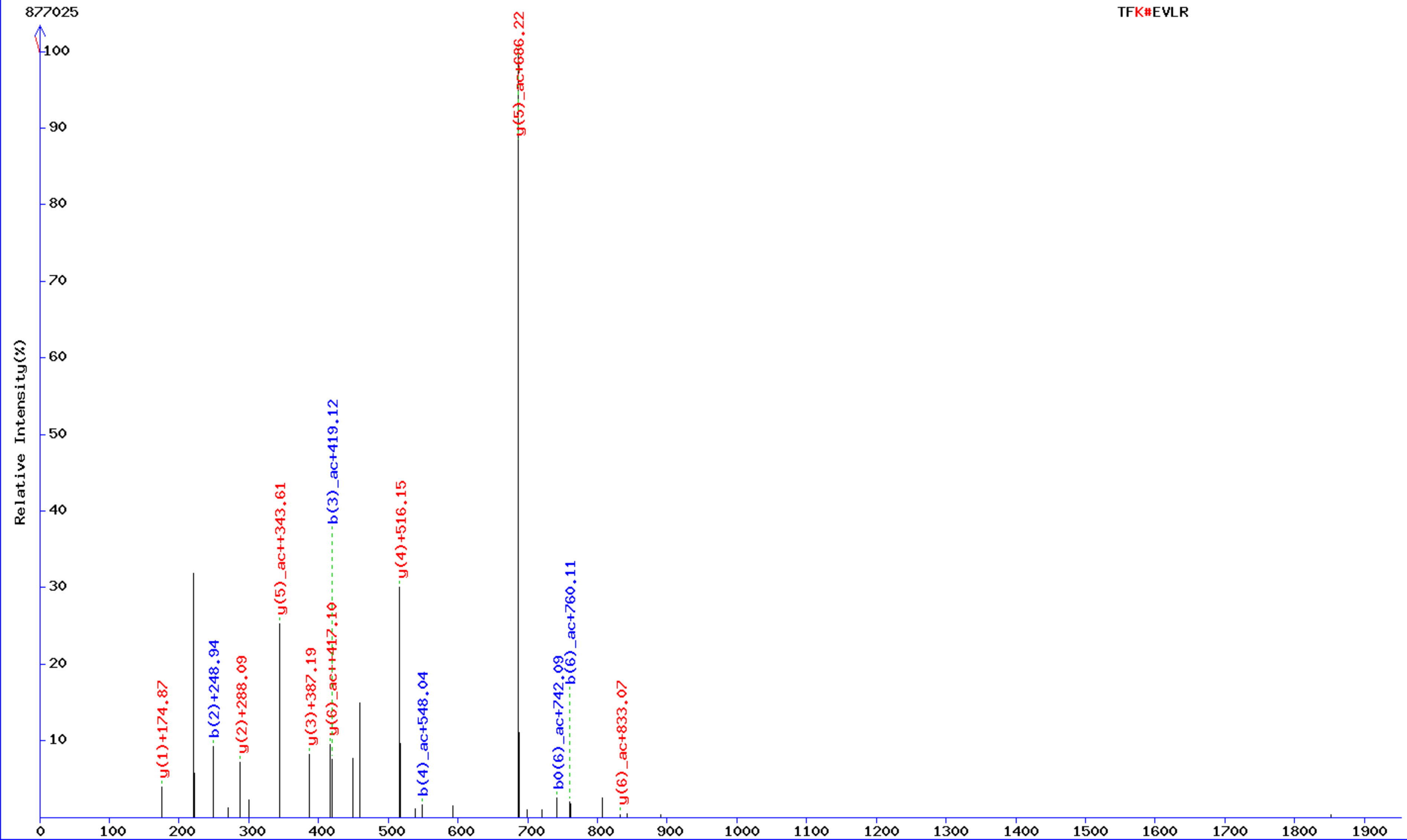


# gi|148662625 MRA\_2807 polynucleotide phosphorylase

VEIADIDK#R

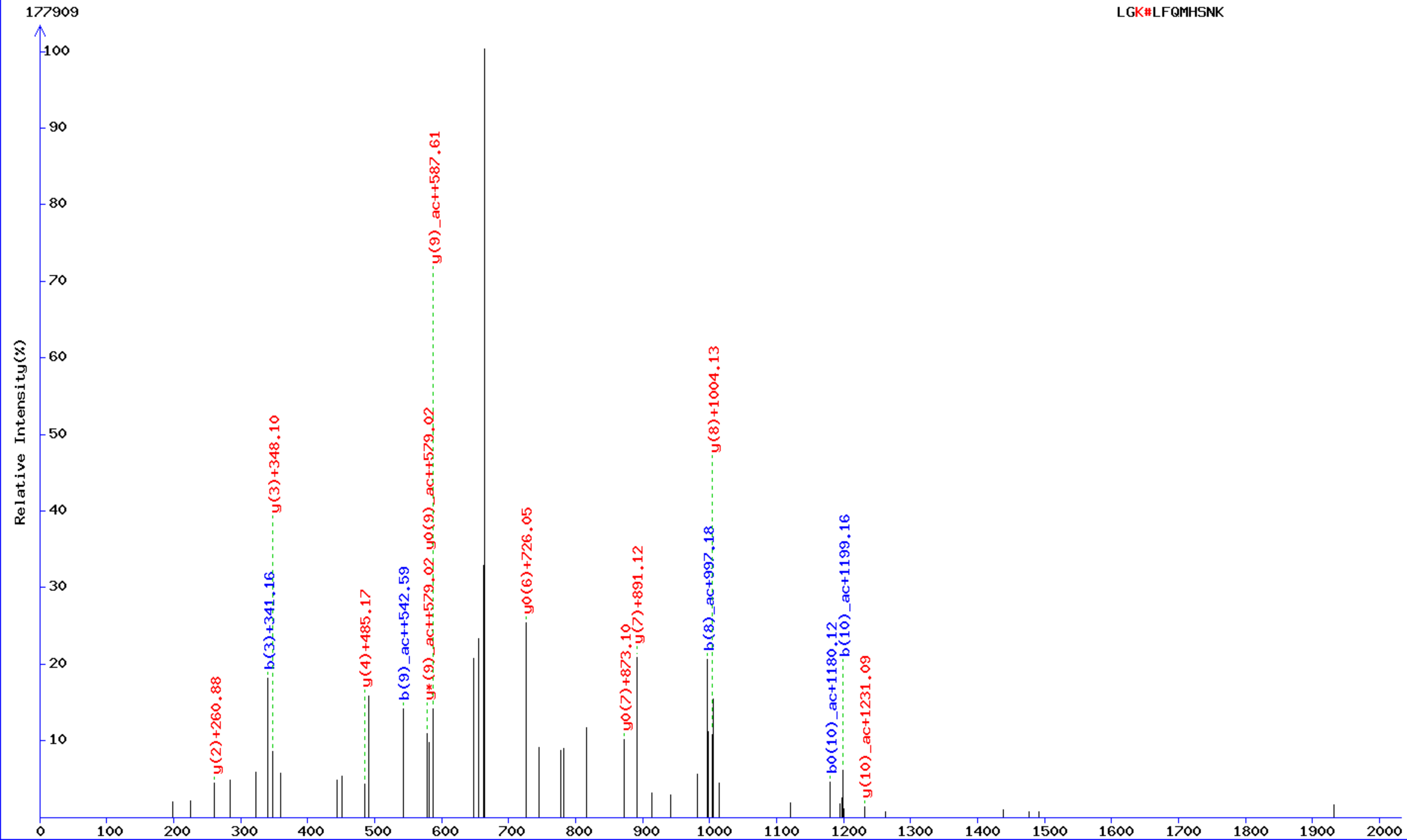


# gi|148662062 MRA\_2261 pyruvate dehydrogenase subunit E1

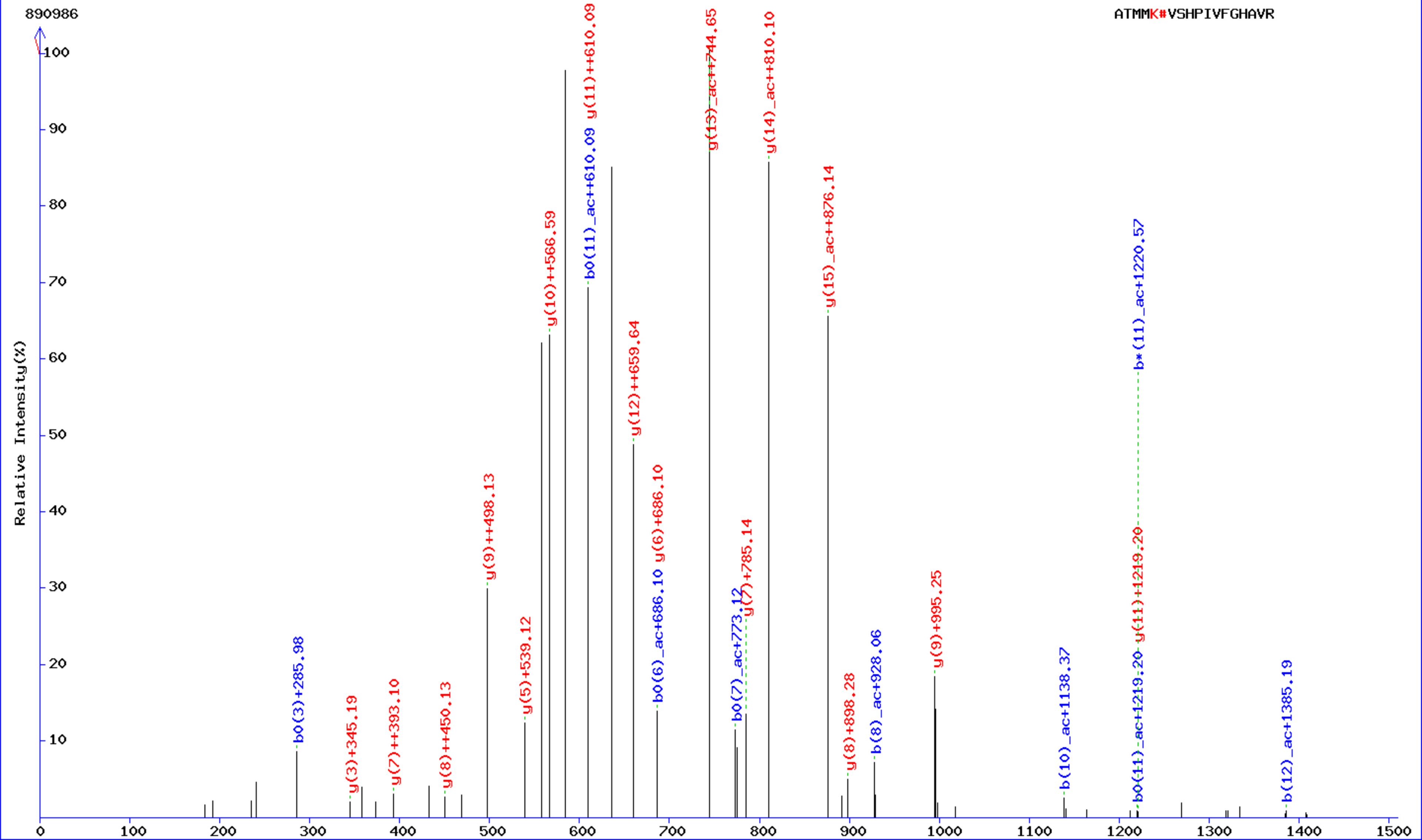


# gi|148660459 MRA\_0693 elongation factor G

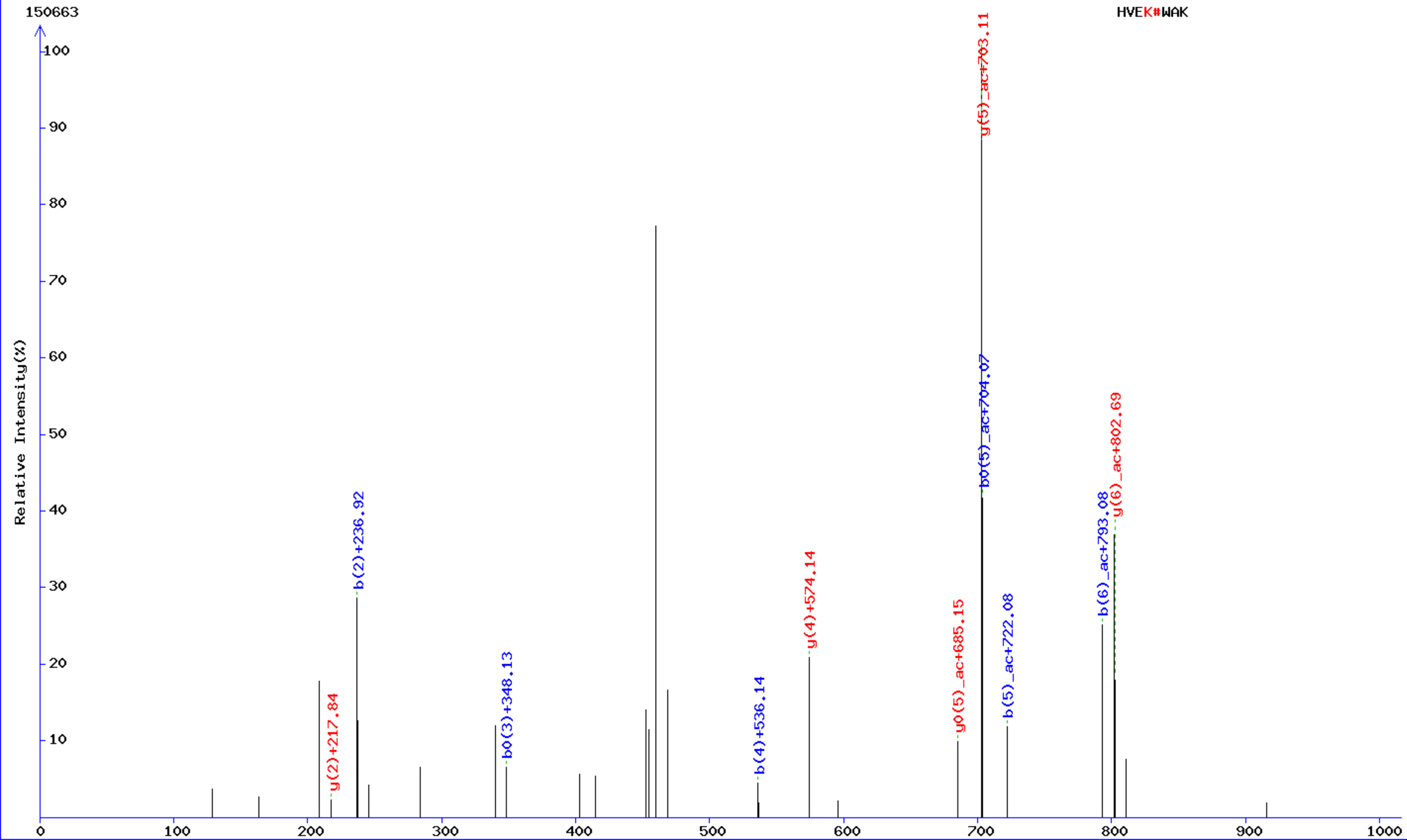
LGK#LFQMHSNK



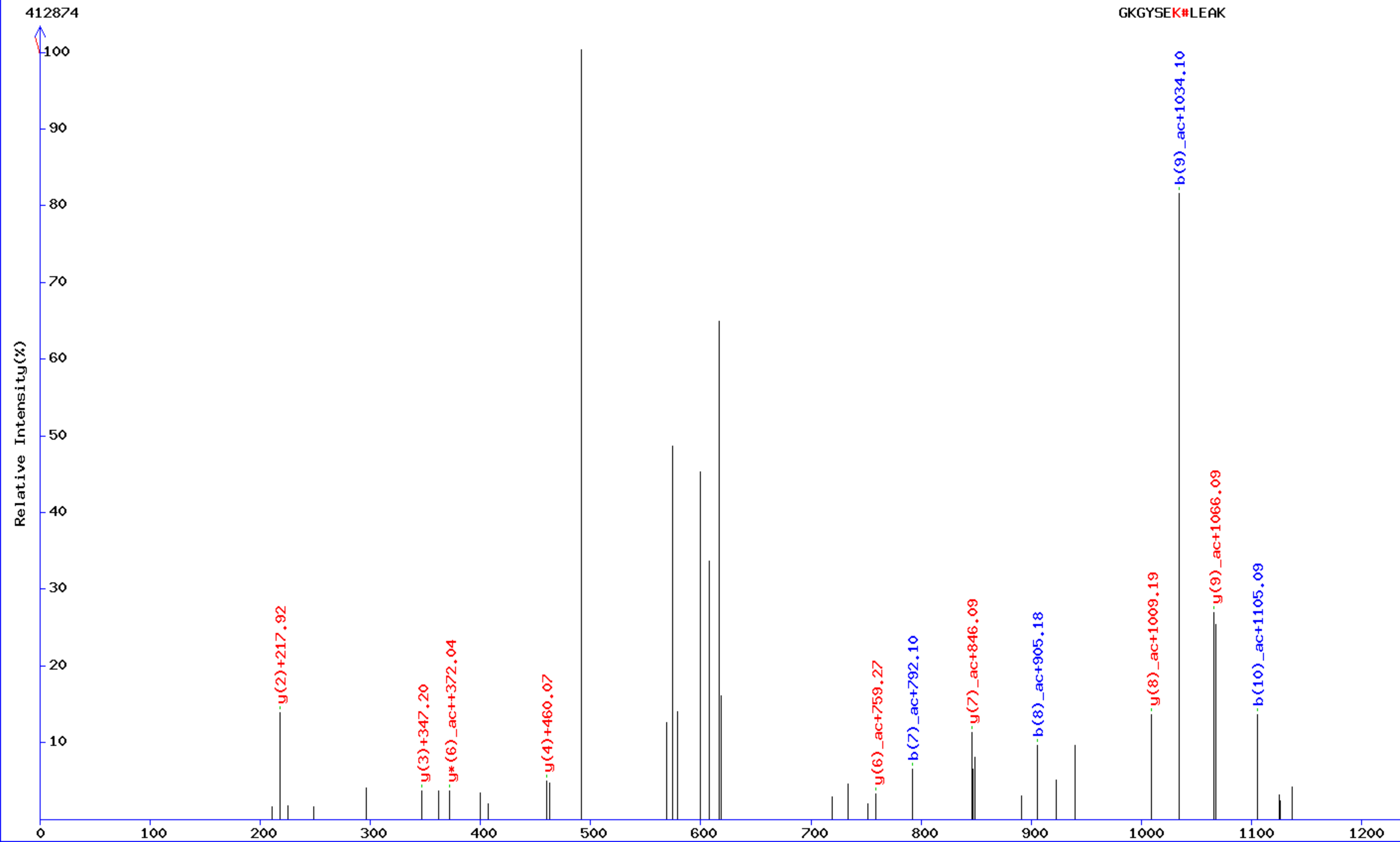
# gi|148659826 MRA\_0068 isocitrate dehydrogenase (NADP) Icd2



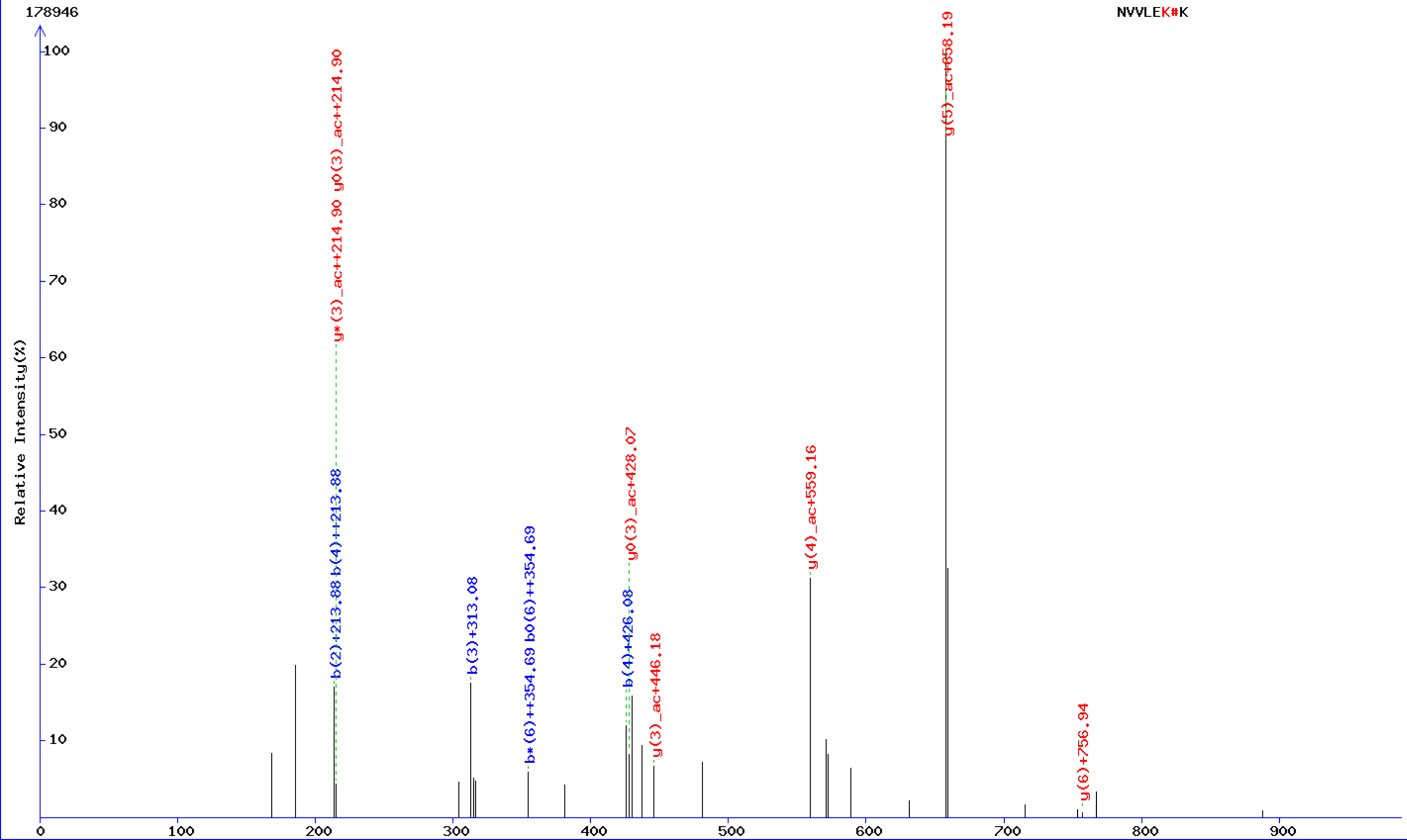
# gi|148663669 MRA\_3841 long-chain-fatty-acid--CoA ligase



# gi|148660637 MRA\_0868 fatty oxidation complex subunit alpha

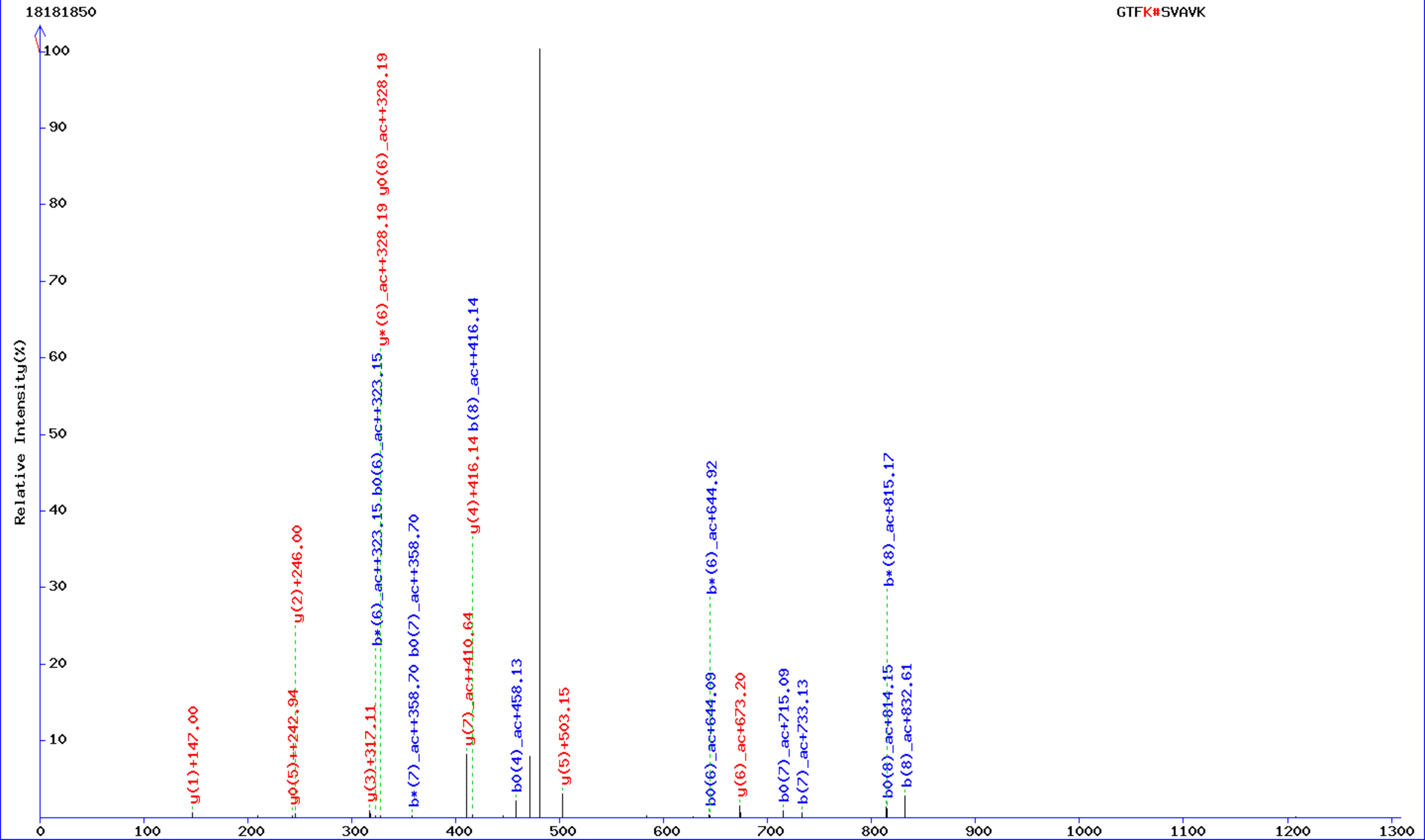


# gi|148660205 MRA\_0445 molecular chaperone GroEL

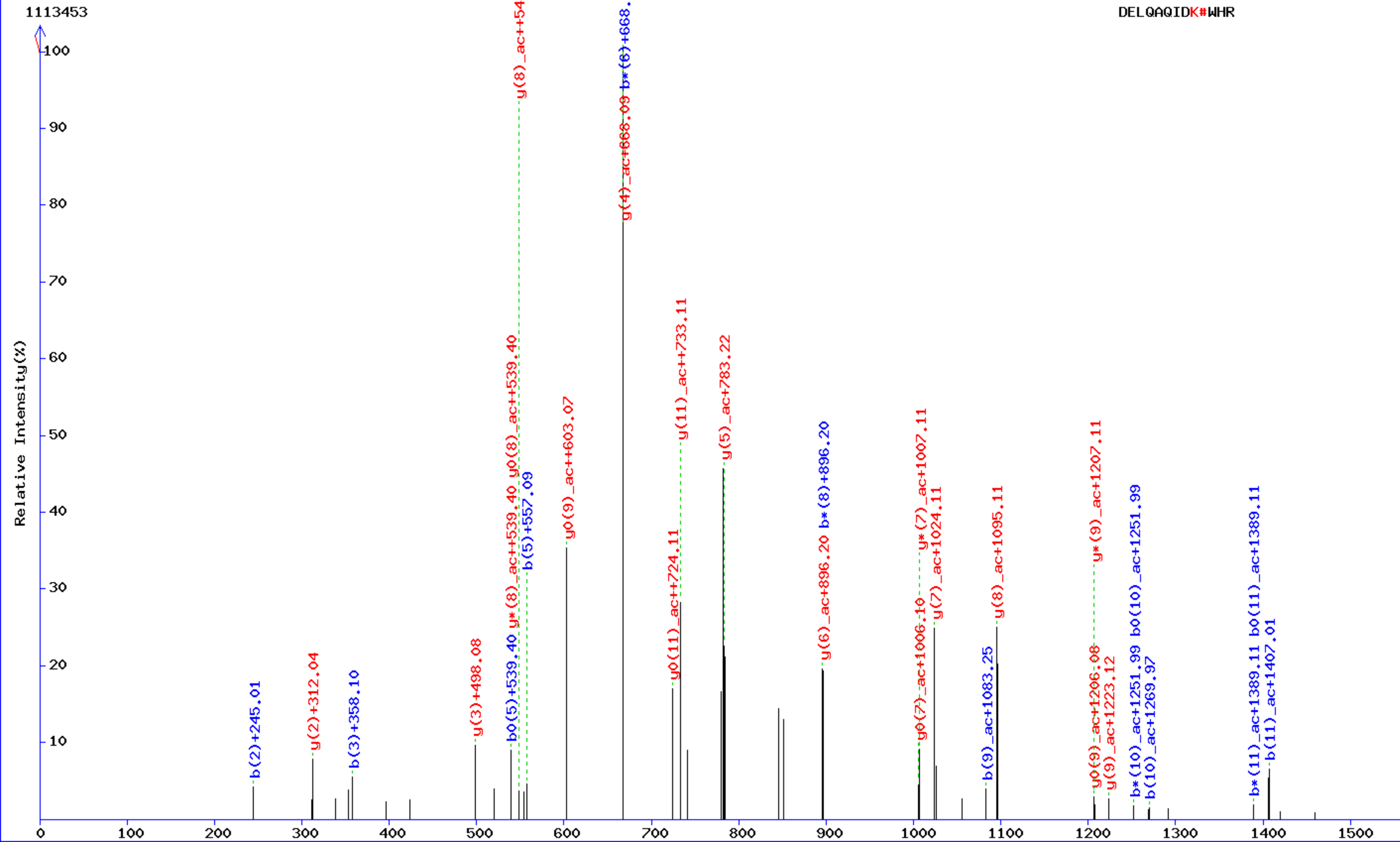


# gi|148660205 MRA\_0445 molecular chaperone GroEL

GTFK#SVAVK

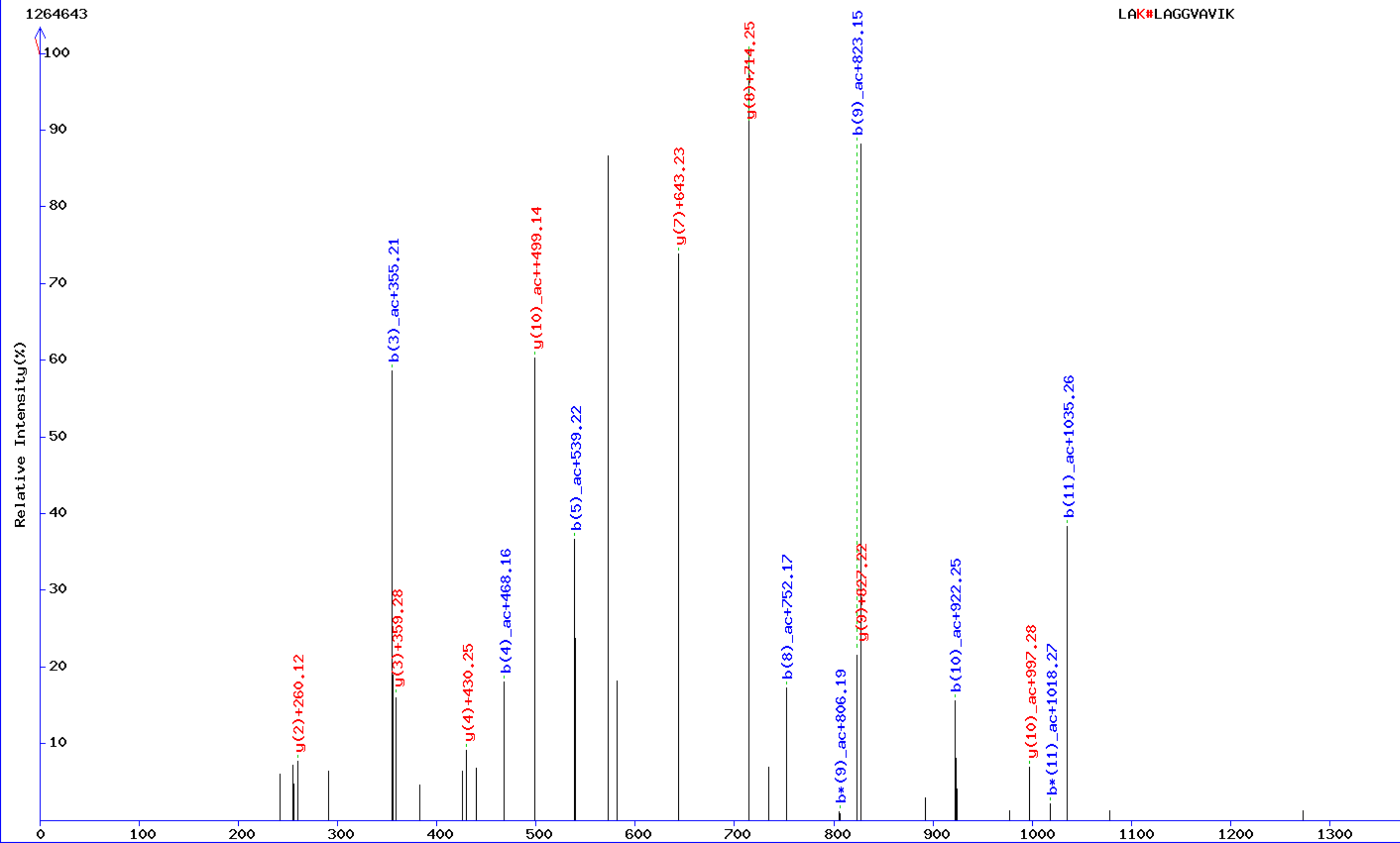






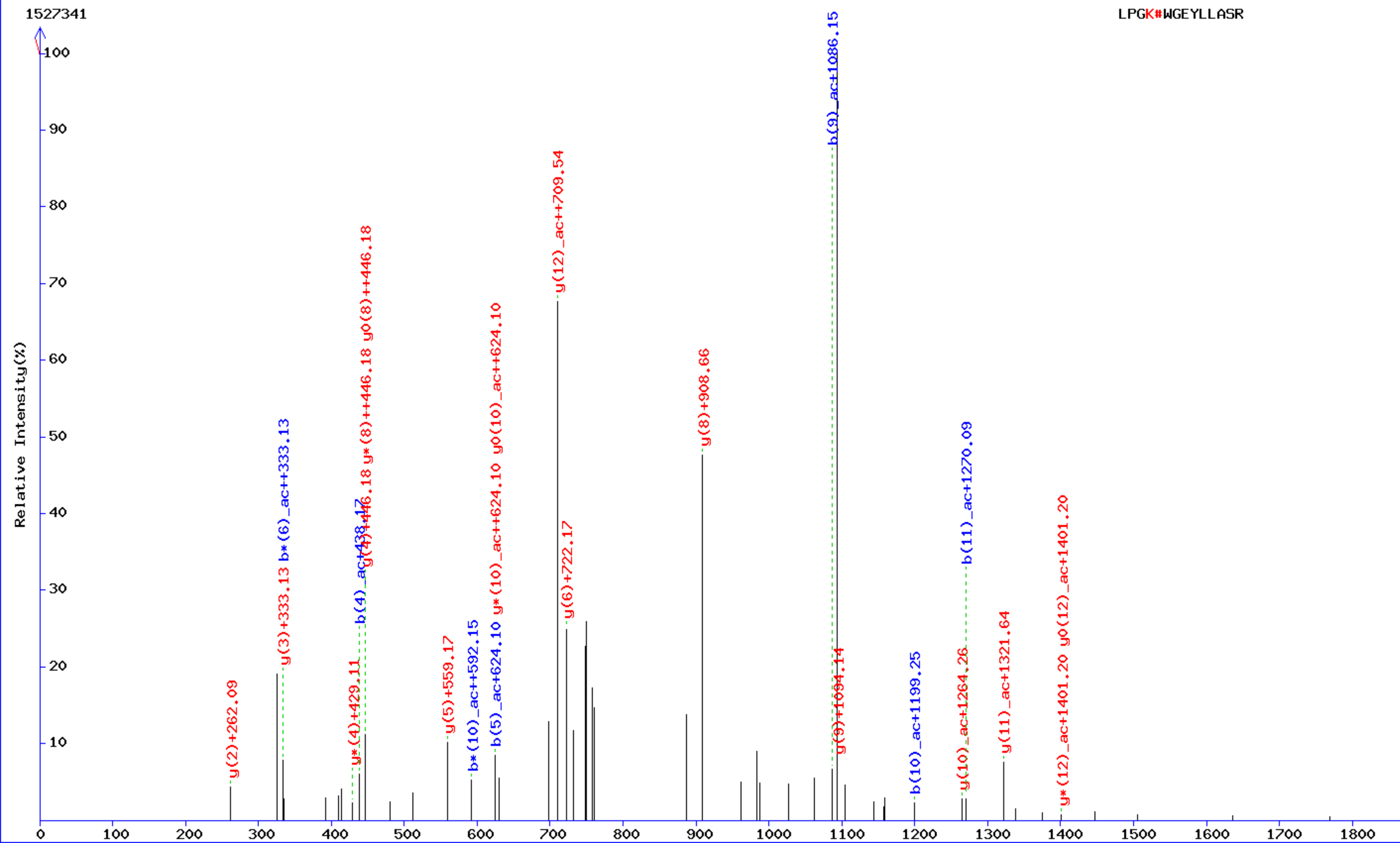
# gi|148663281 MRA\_3457 molecular chaperone GroEL

LAK#LAGGVAVIK



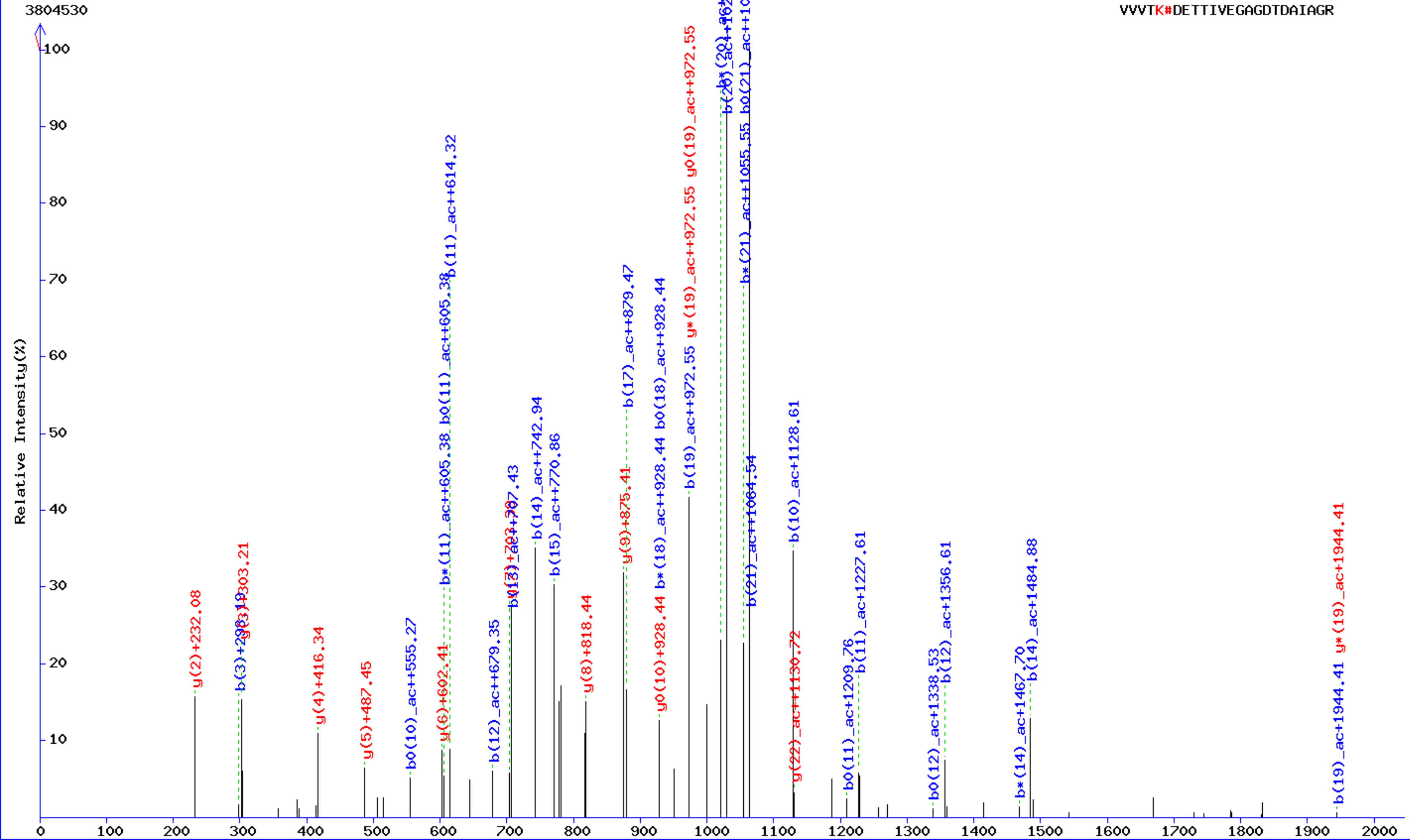
# gi|148660036 MRA\_0279 acyl-CoA dehydrogenase

LPGK#WGEYLLASR

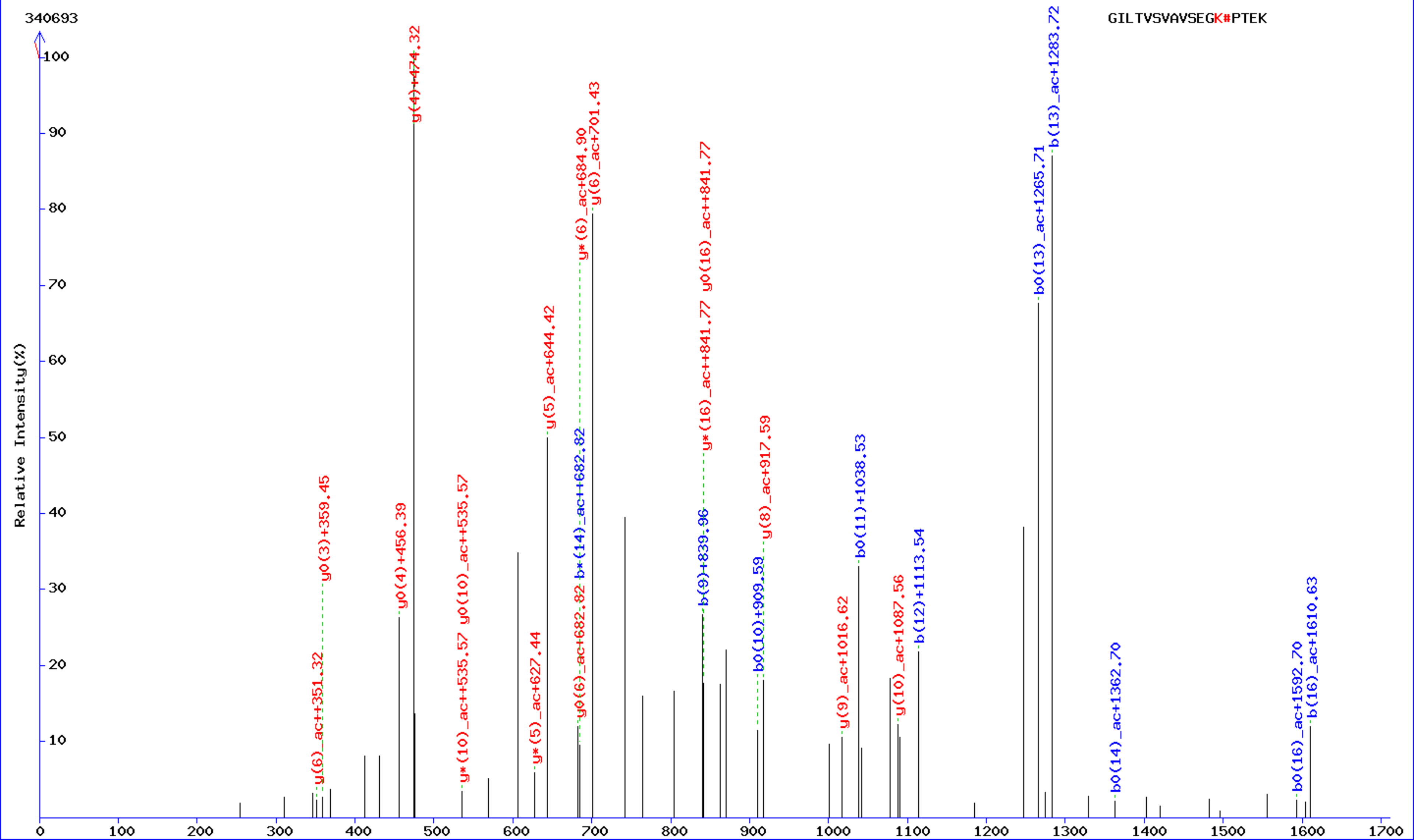


gi|148660205 MRA\_0445 molecular chaperone GroEL

VVVK#DETTIVEGAGDTDIAGR

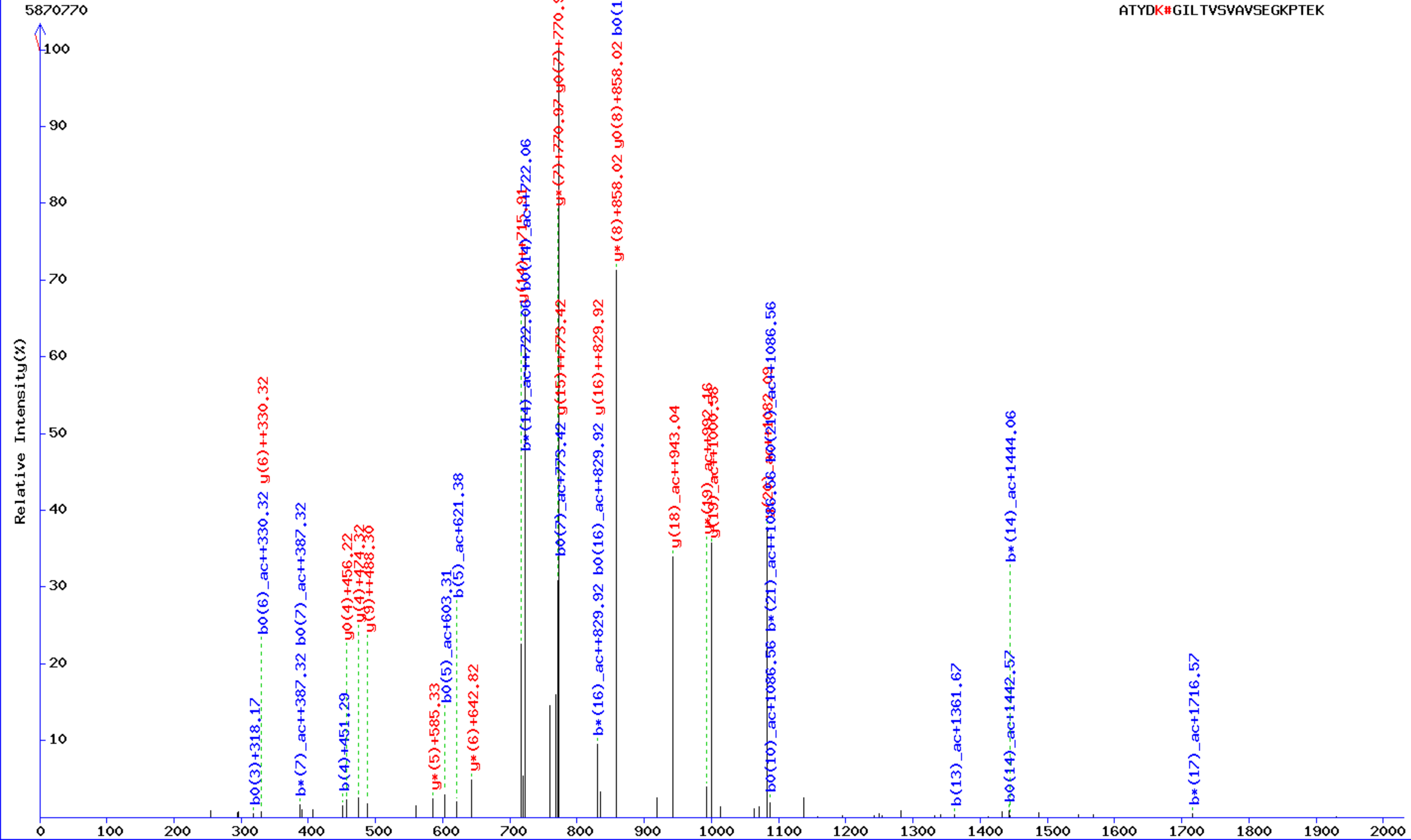


# gi|148661845 MRA\_2046 antigen Hsp20



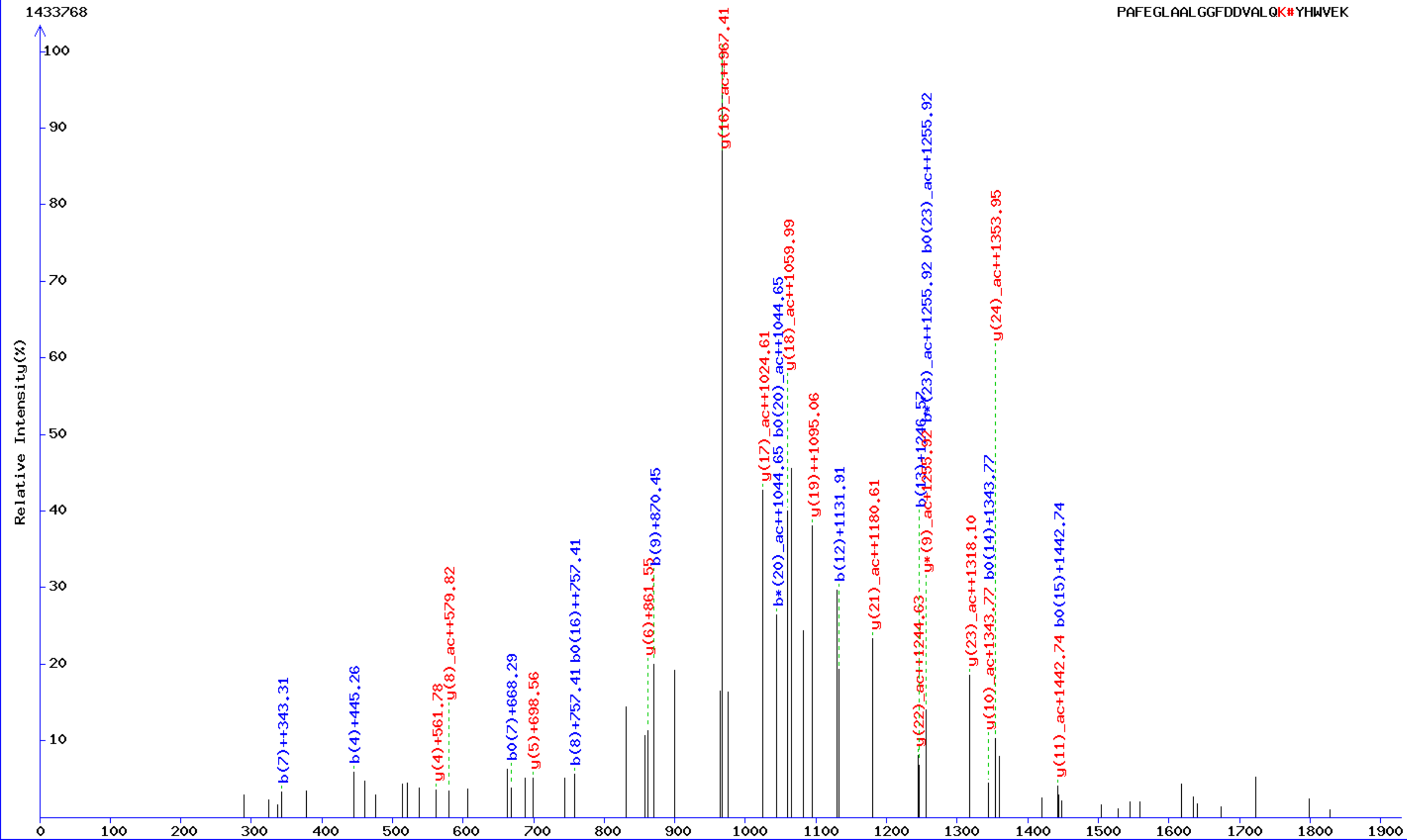
# gi|148661845 MRA\_2046 antigen Hsp20

ATYDK#GILTVSVAVSEGKPTK



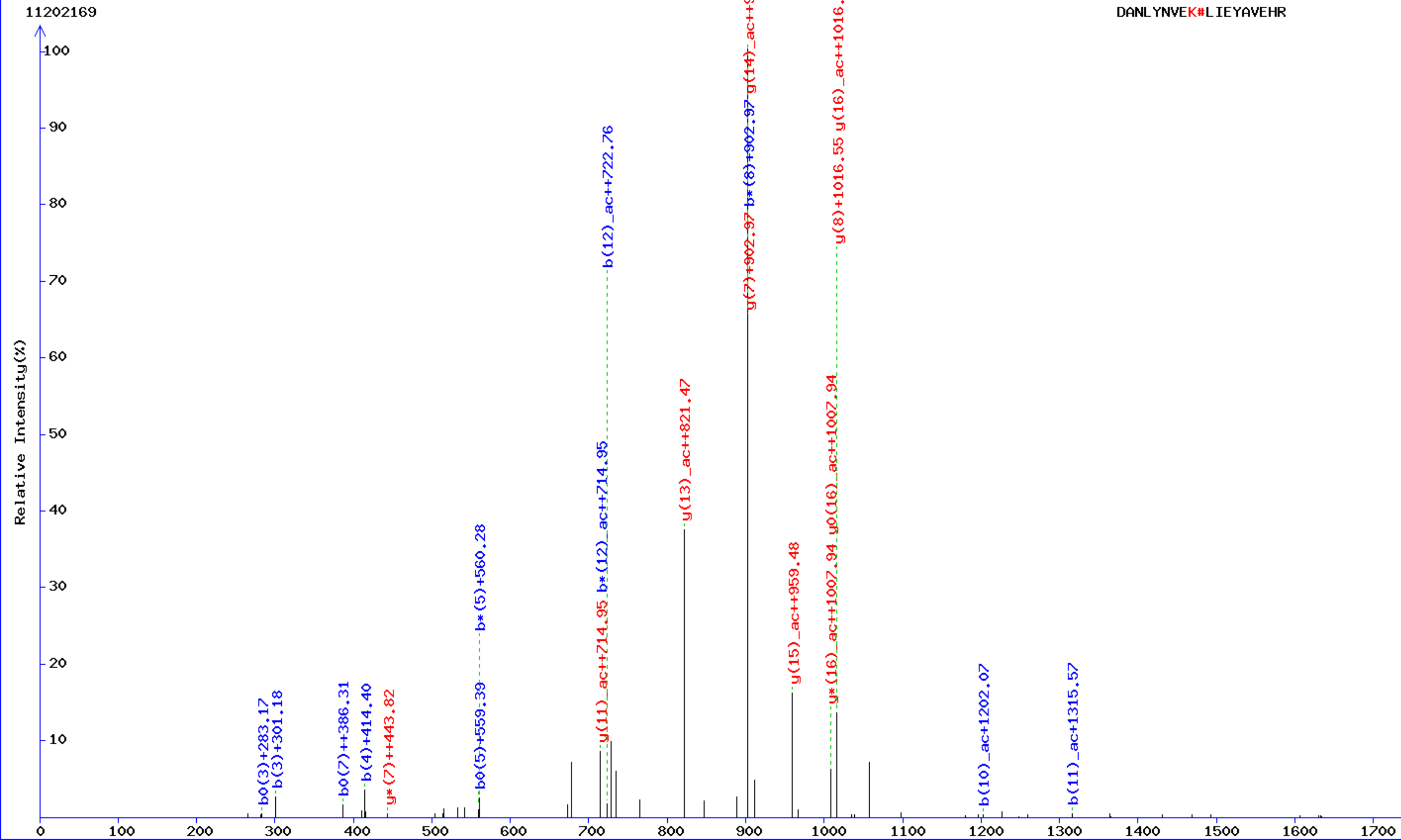
# gi|148660636 MRA\_0867 acetyl-CoA acetyltransferase

PAFEGLAALGGFDDVALQK#YHWVEK



# gi|148663668 MRA\_3840 polyketide synthase

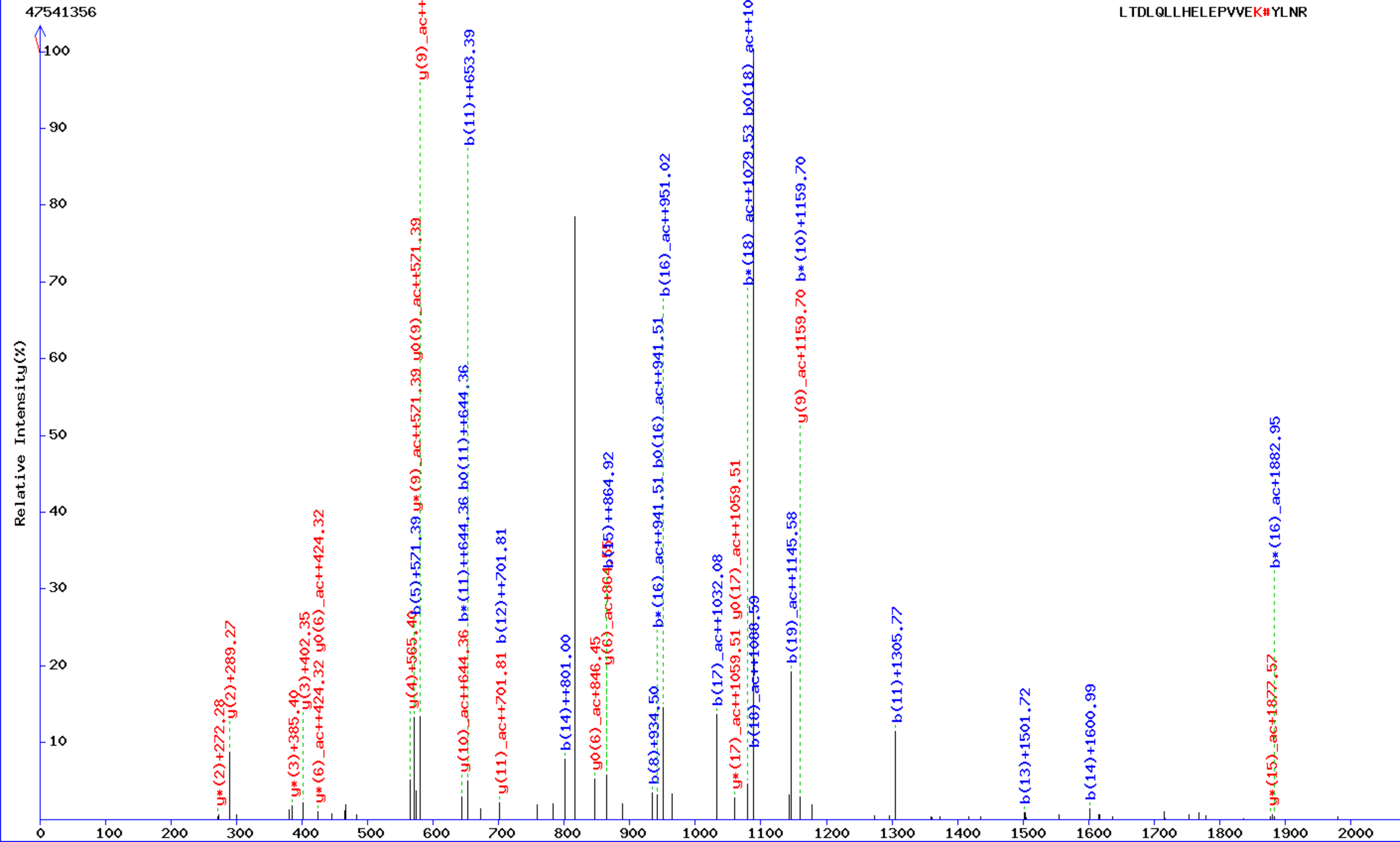
DANLYNVEK#LIEYAVEHR





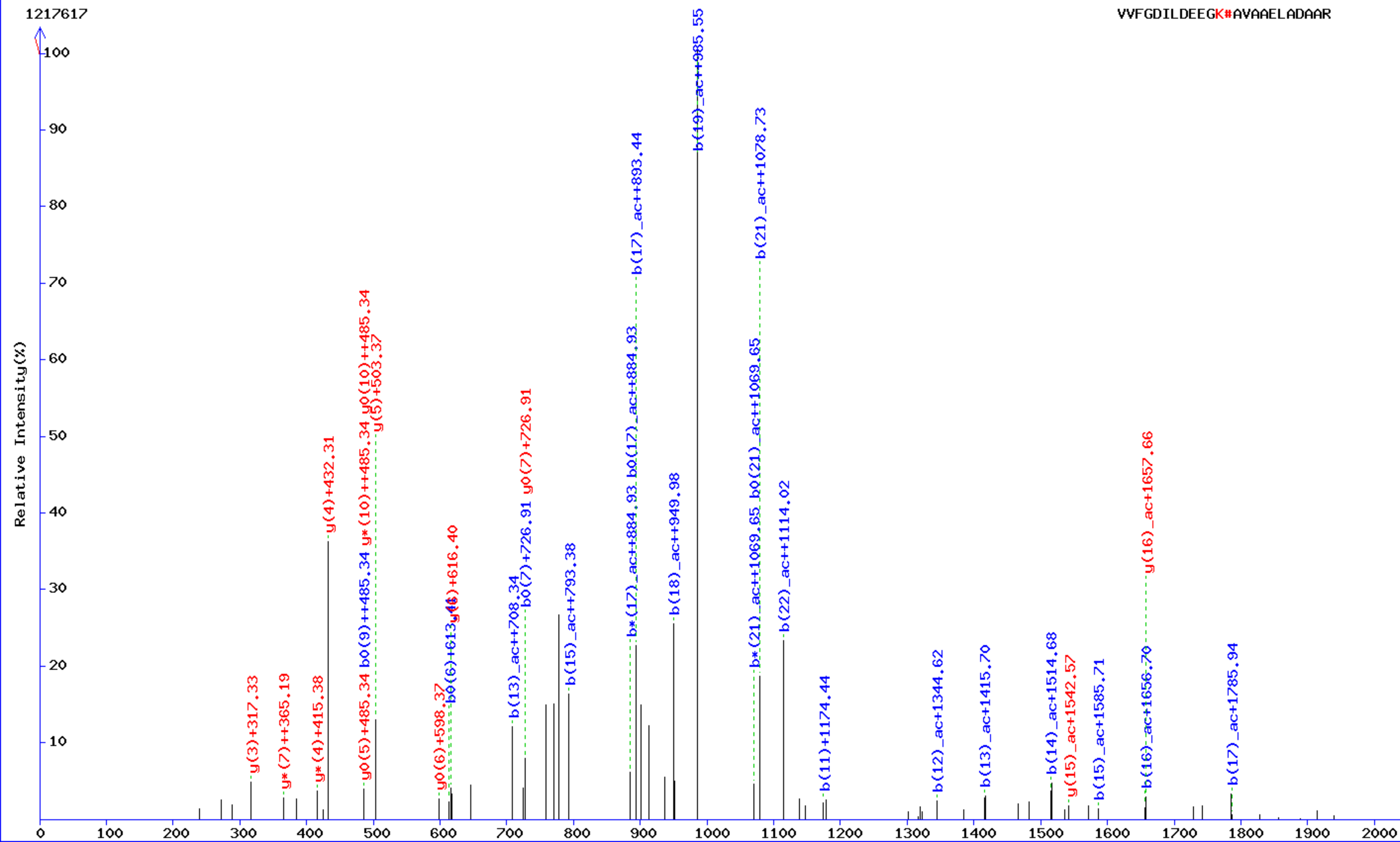
gi|148660602 MRA\_0834 fatty acid desaturase

L TDLQLLHELEPVVEK#YLNR



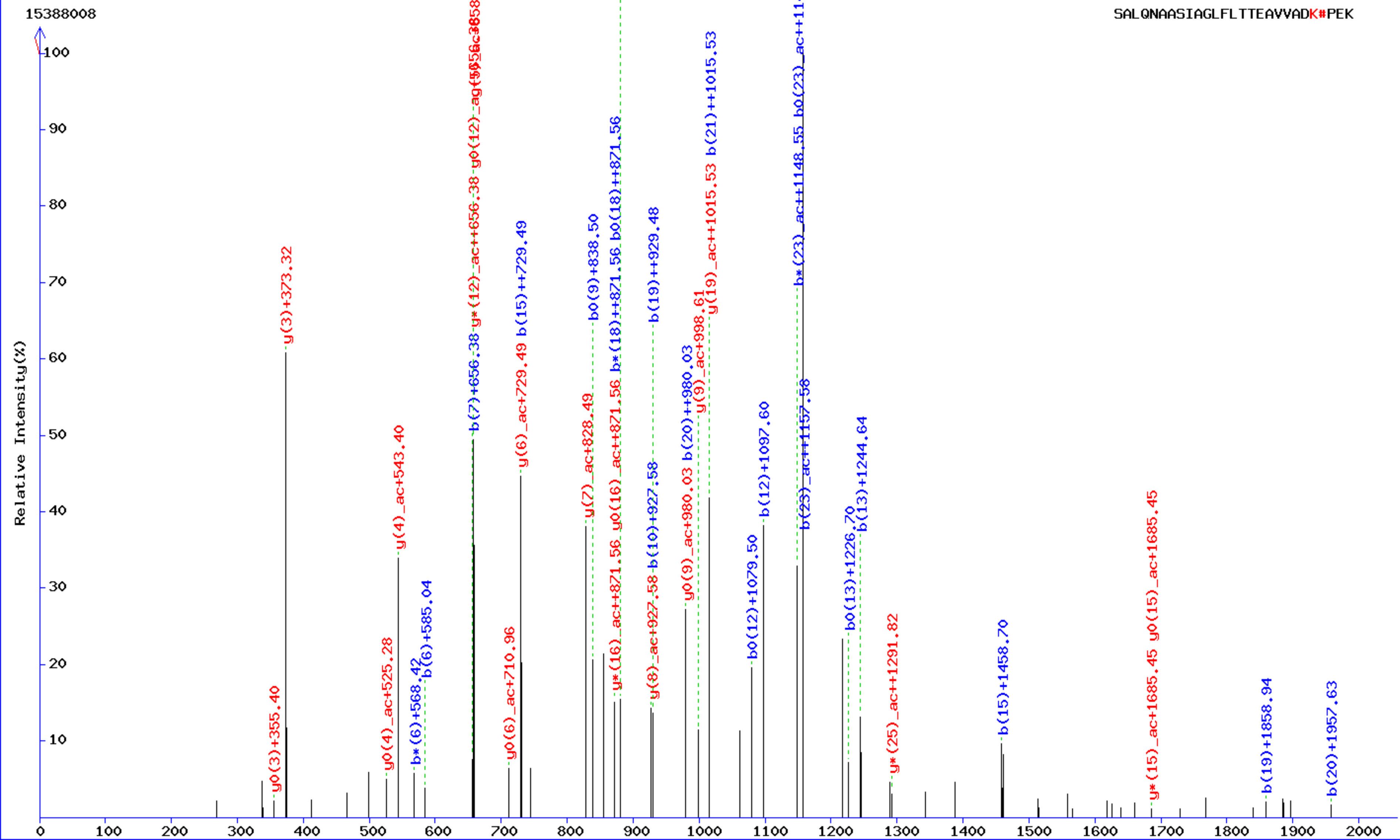
# gi|148661816 MRA\_2018 20-beta-hydroxysteroid dehydrogenase FabG3

VVFGDILDEEGK#AVAAELADAAR



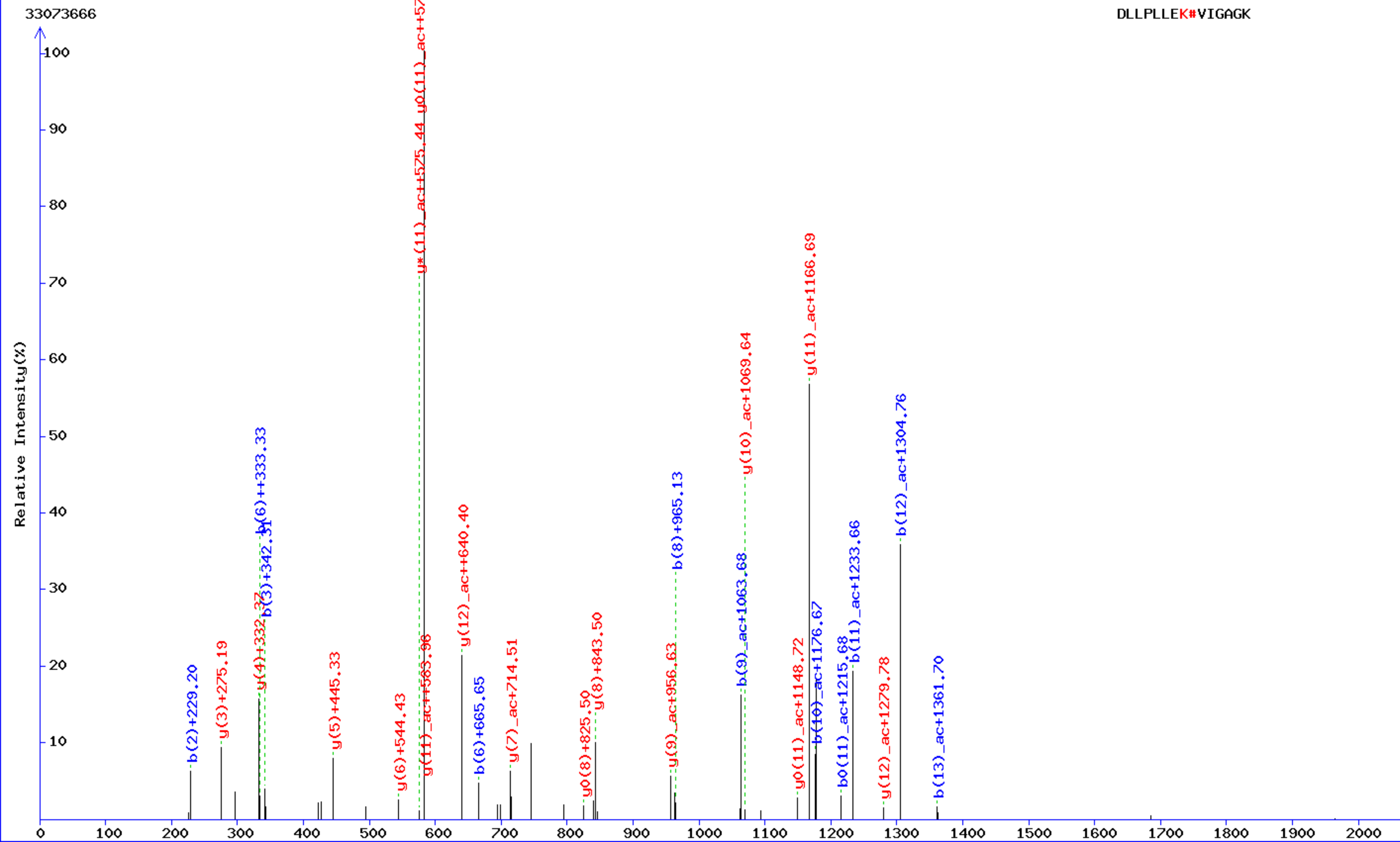
# gi|148660205 MRA\_0445 molecular chaperone GroEL

SALQNAASIAGLFLTTEAVVADK#PEK



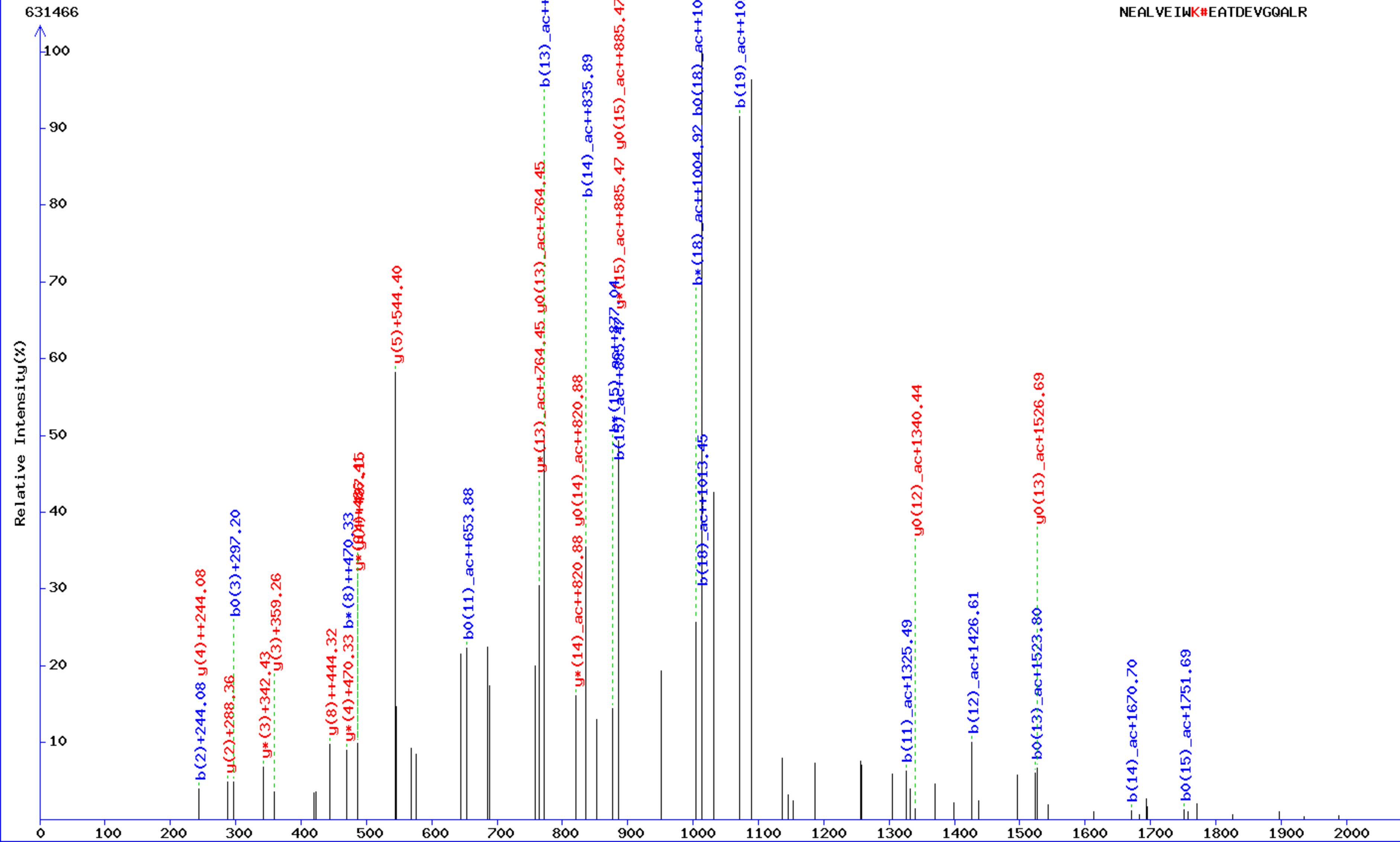
# gi|148660205 MRA\_0445 molecular chaperone GroEL

DLLP~~L~~EK#VIGAGK



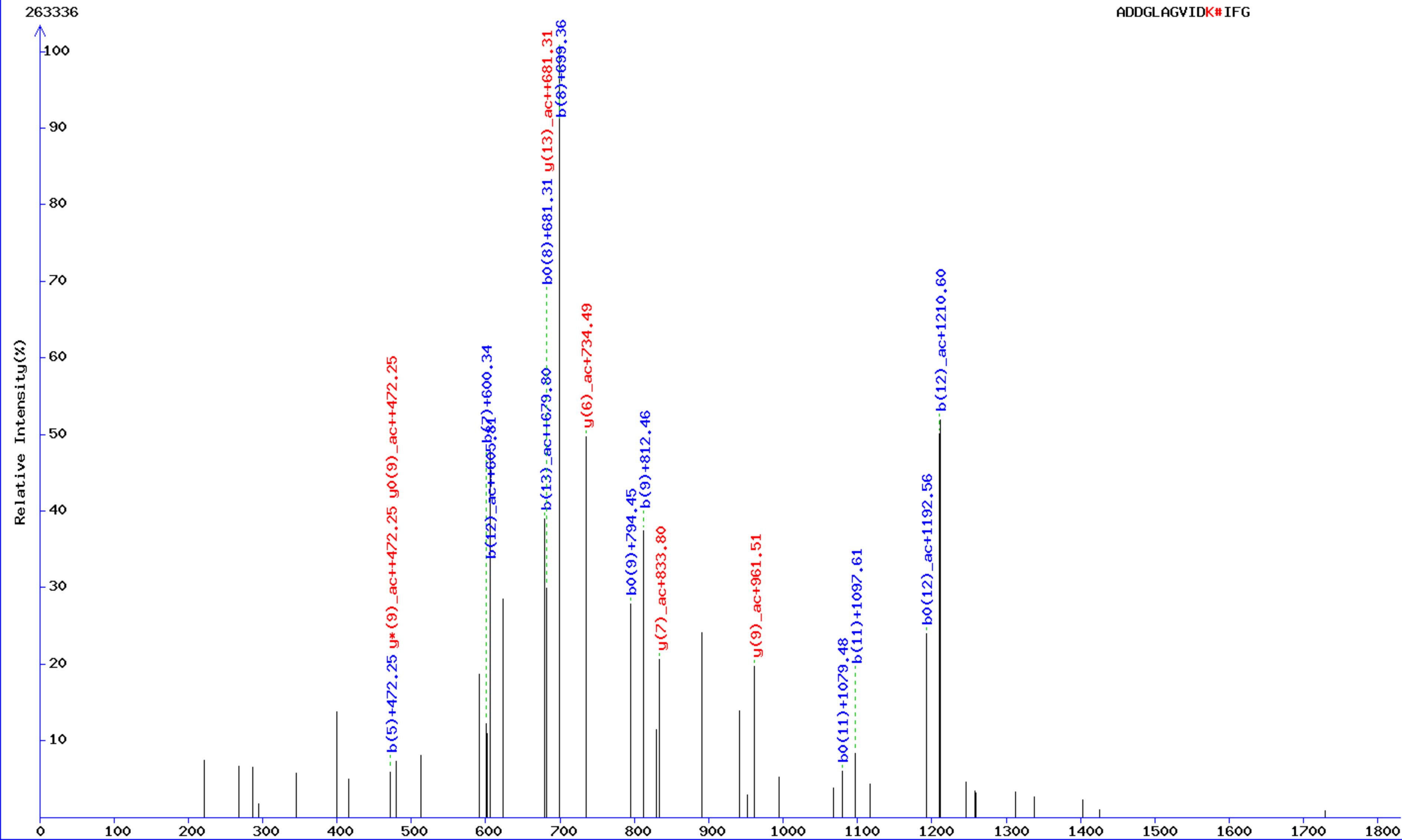
# gi|148660442 MRA\_0677 DNA-directed RNA polymerase subunit beta'

NEALVEIWK#EATDEVGQALR

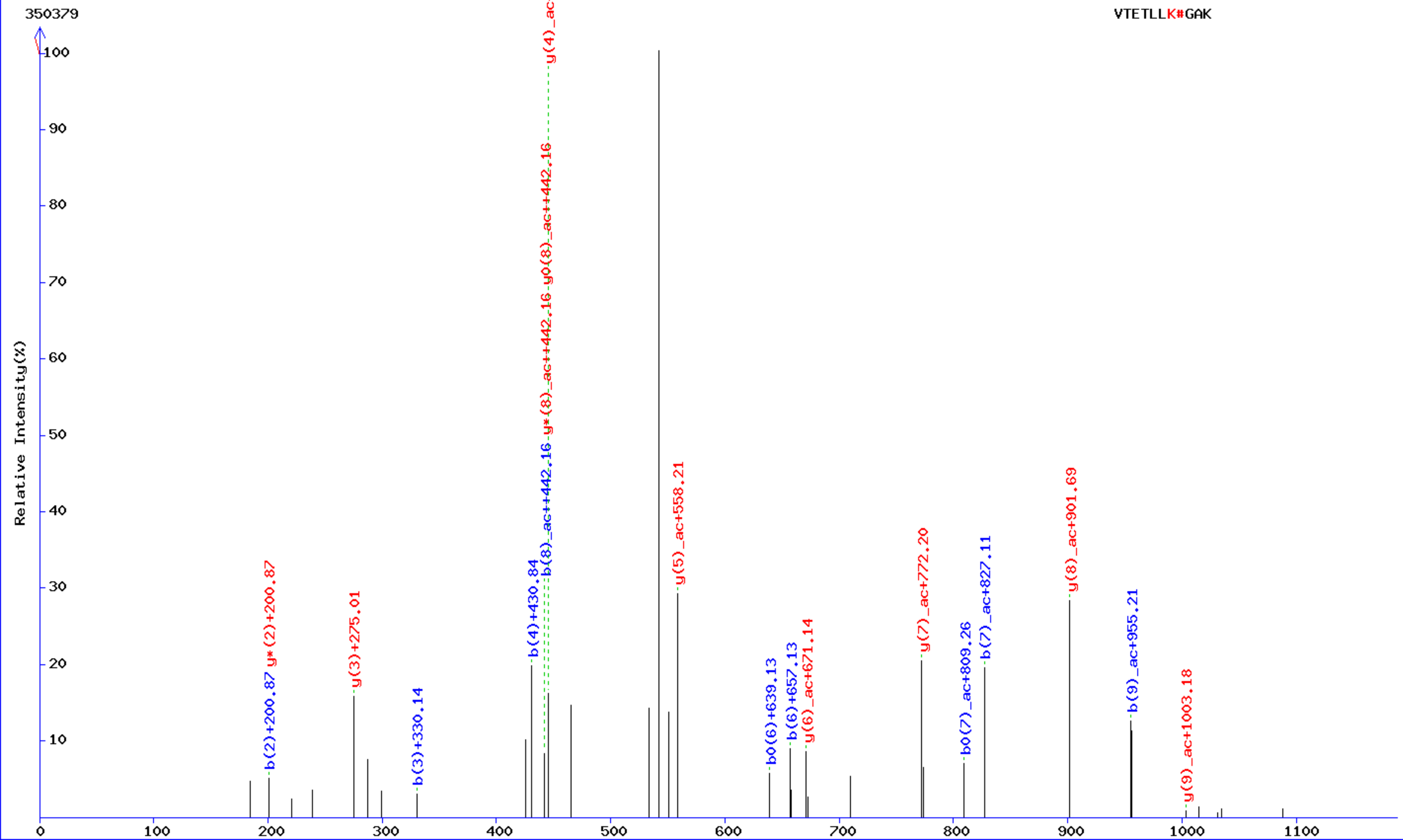


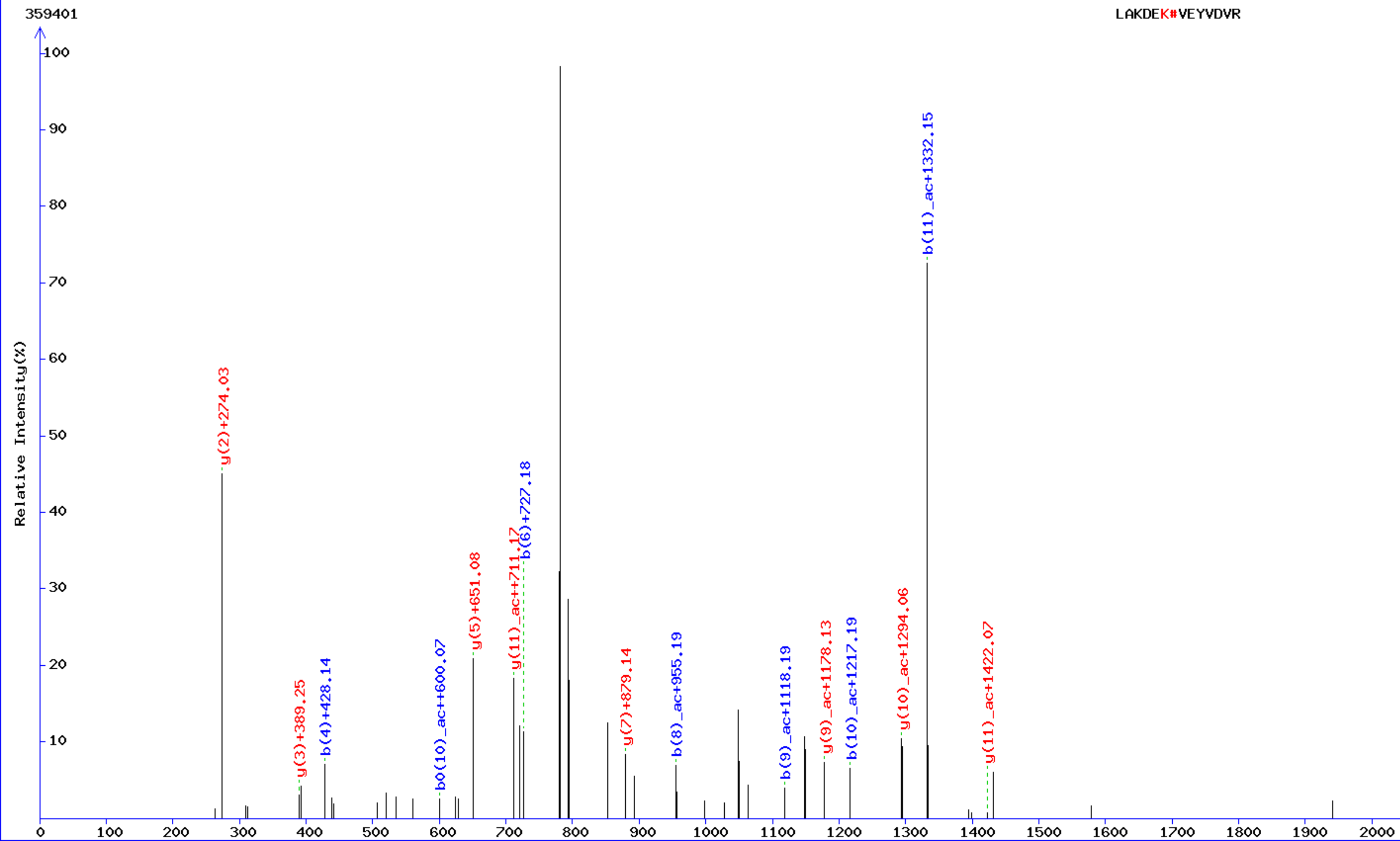
# gi|148663732 MRA\_3904 hypothetical protein

ADDGLAGVIDK#IFG



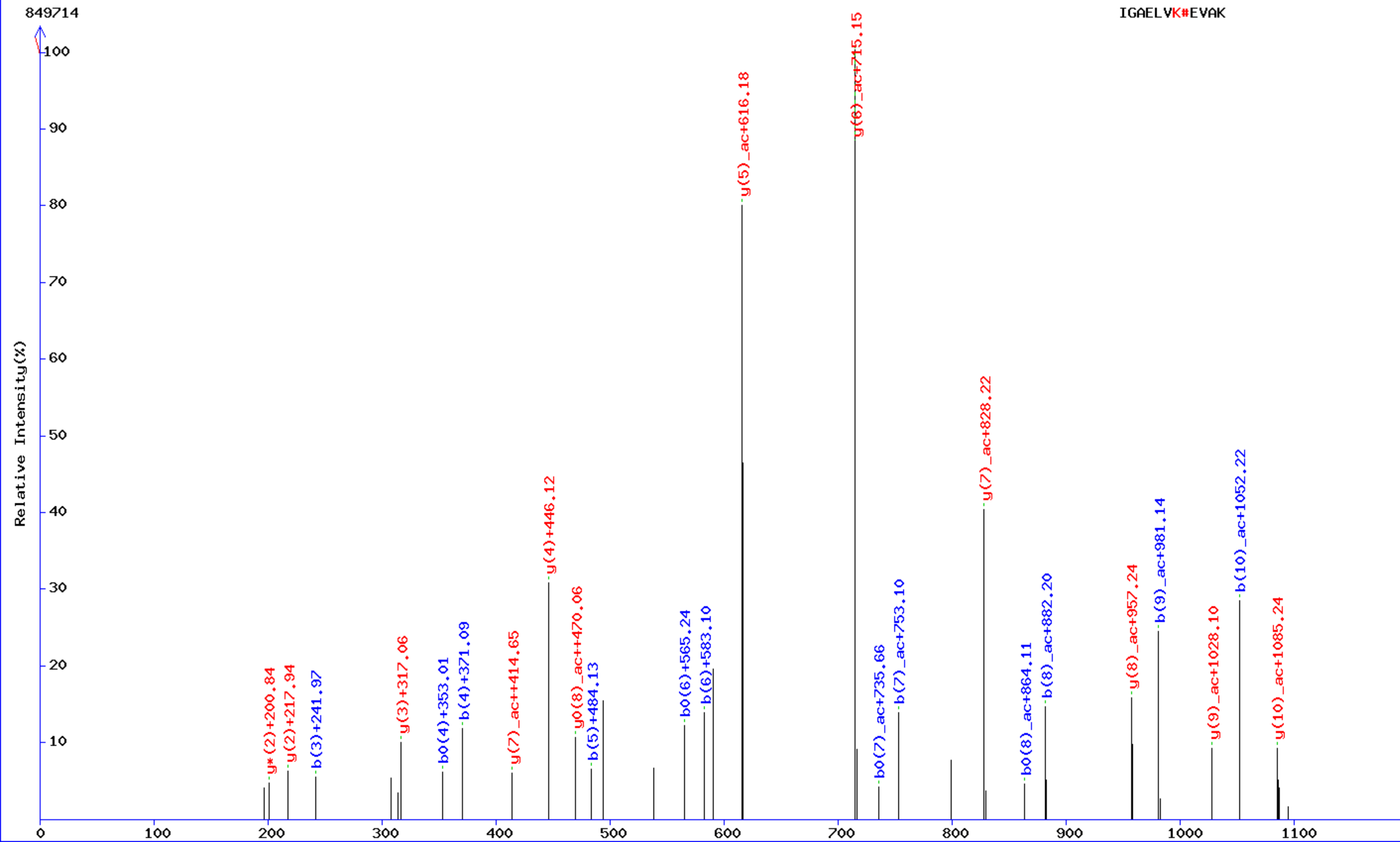
# gi|148660205 MRA\_0445 molecular chaperone GroEL



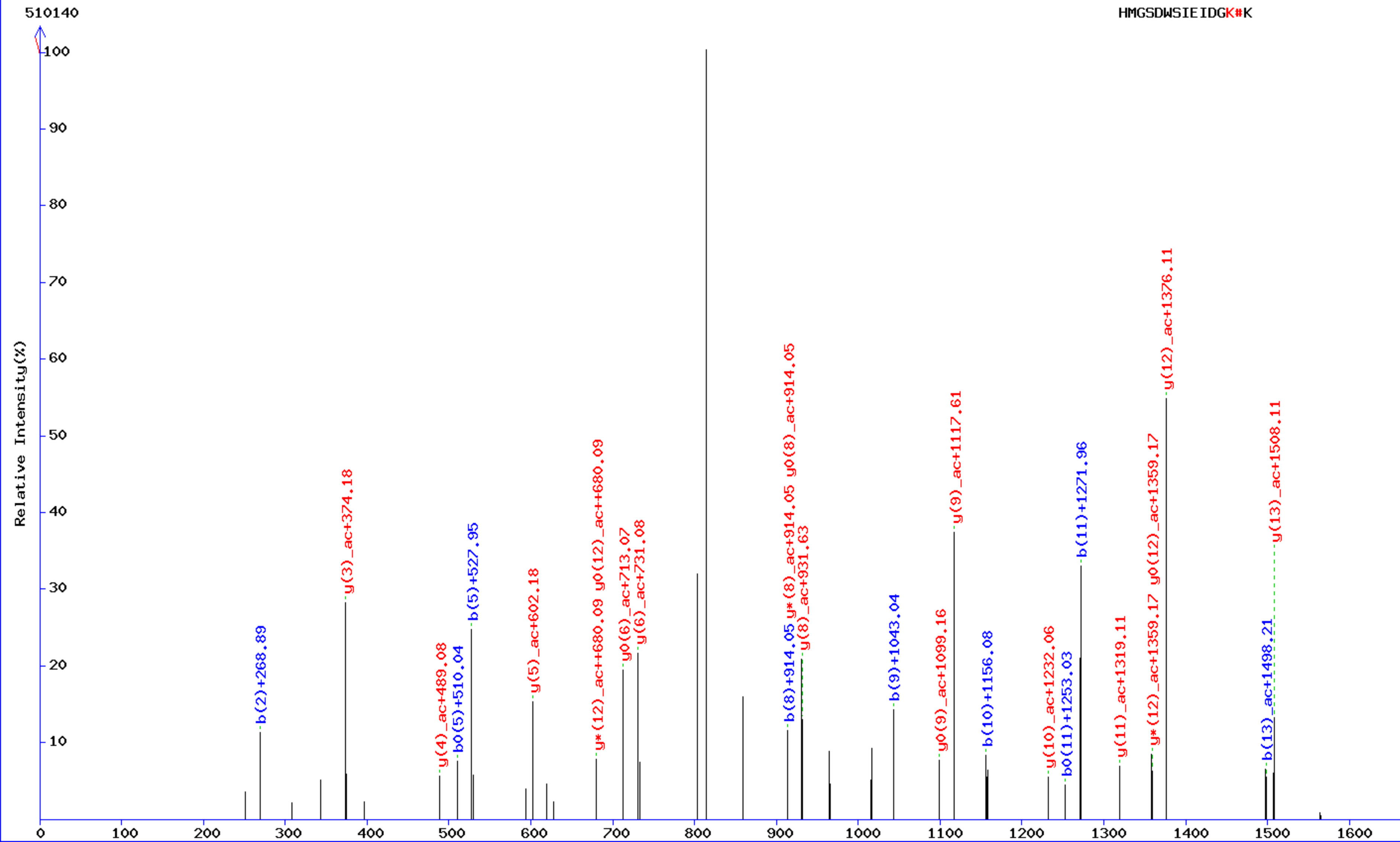




# gi|148660205 MRA\_0445 molecular chaperone GroEL

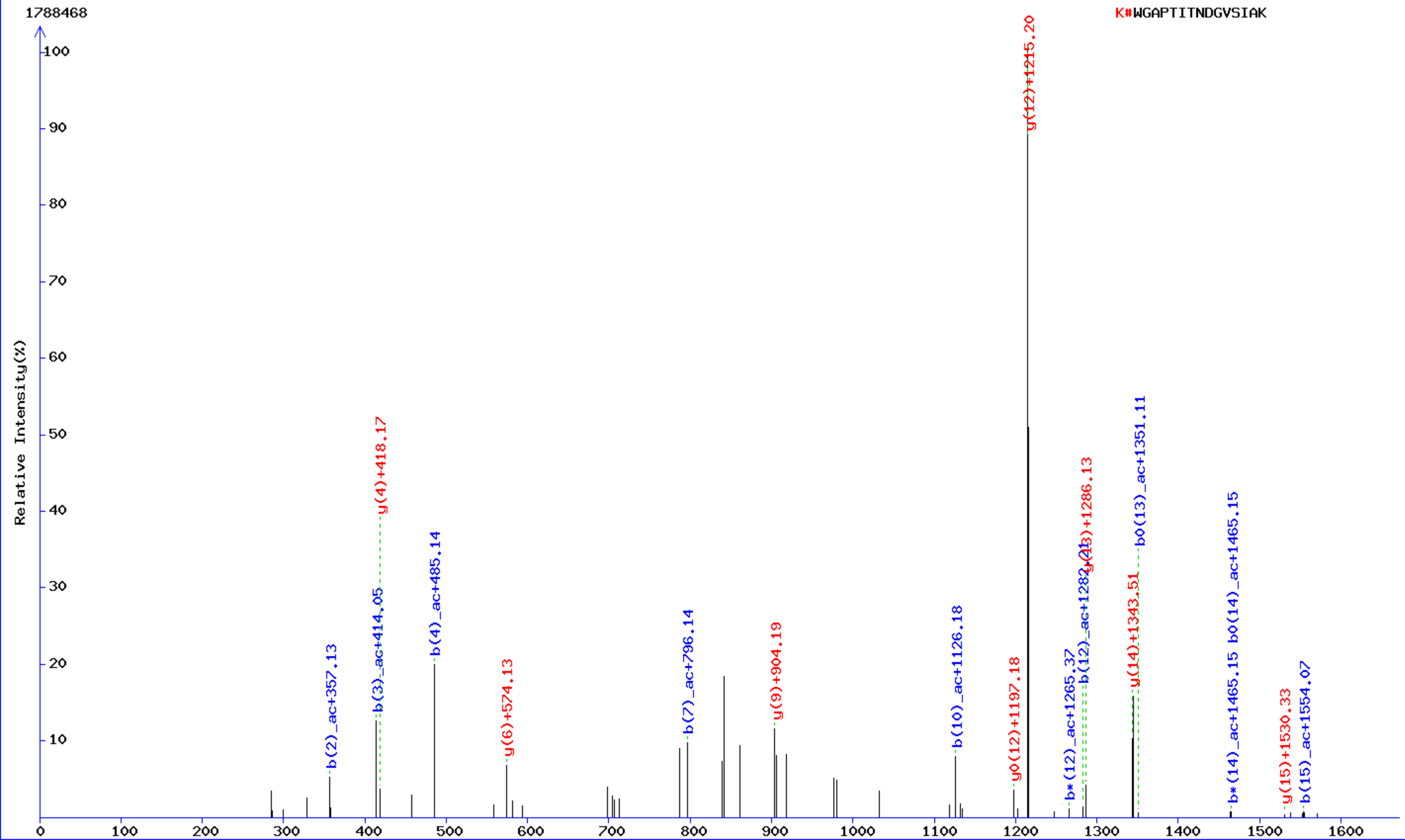


# gi|148660116 MRA\_0359 molecular chaperone DnaK



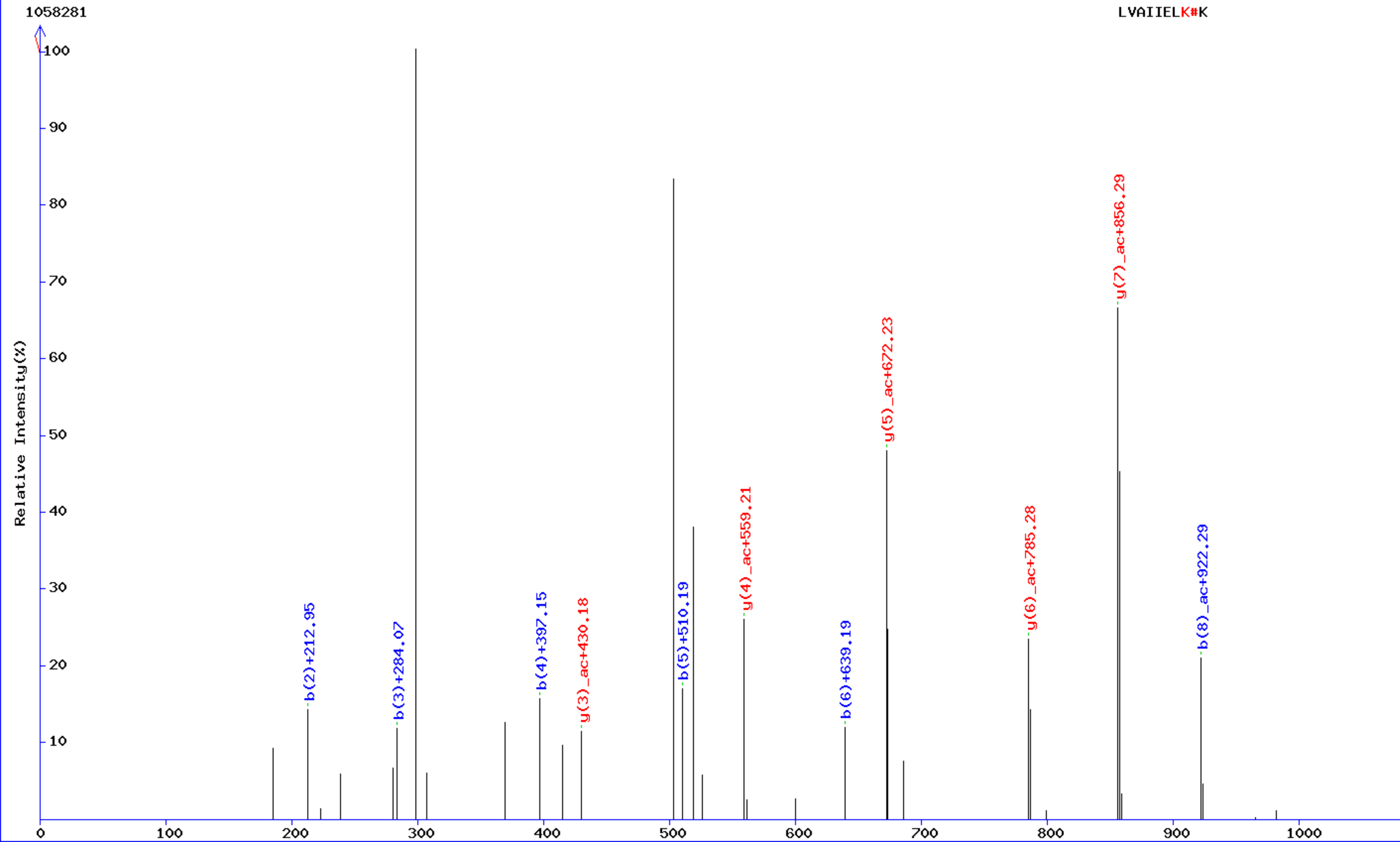
HMGSDWSIEIDGK#K

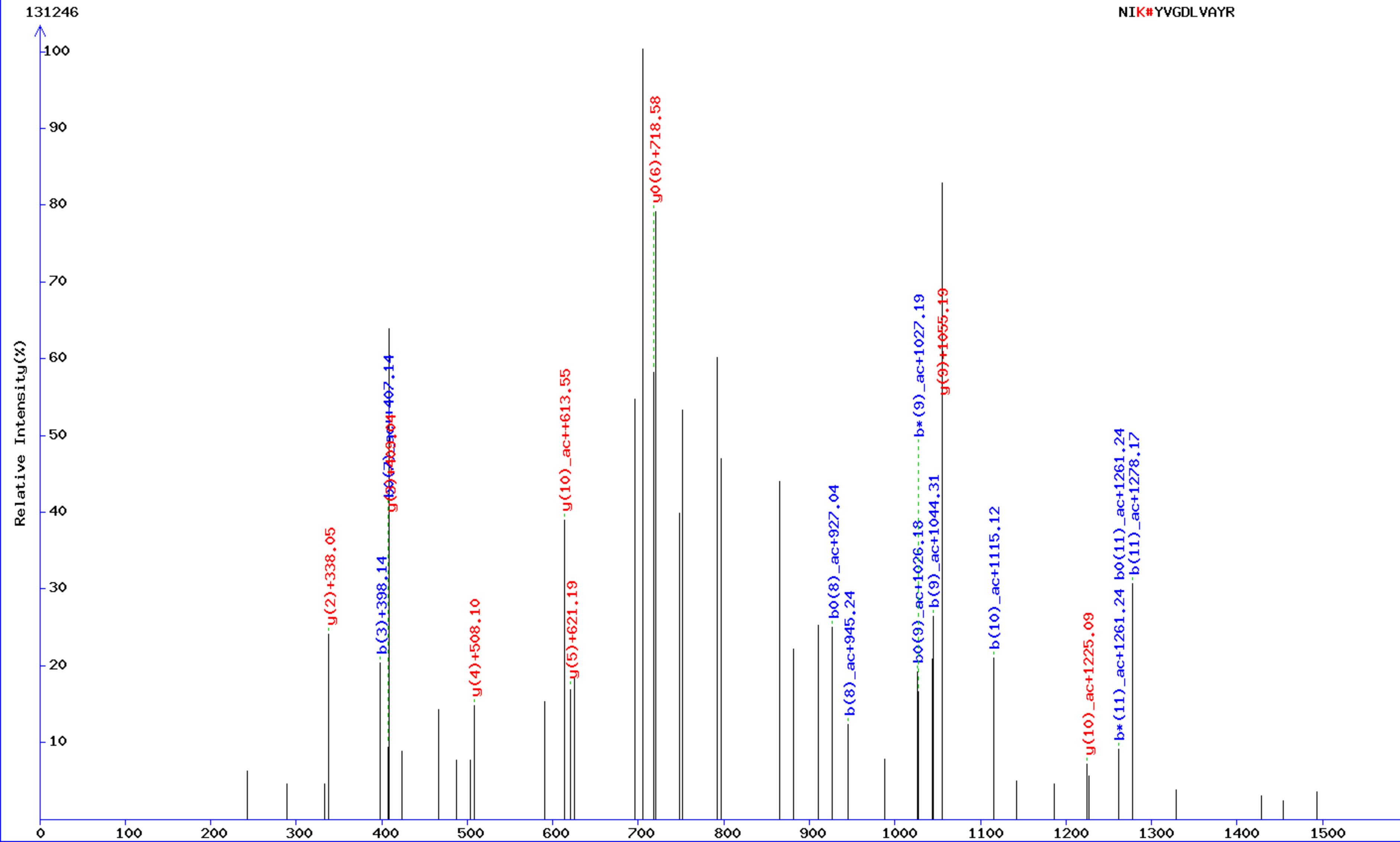
# gi|148660205 MRA\_0445 molecular chaperone GroEL



# gi|148661317/gi|148661325 MRA\_1541/MRA\_1533 acyl-CoA synthetase

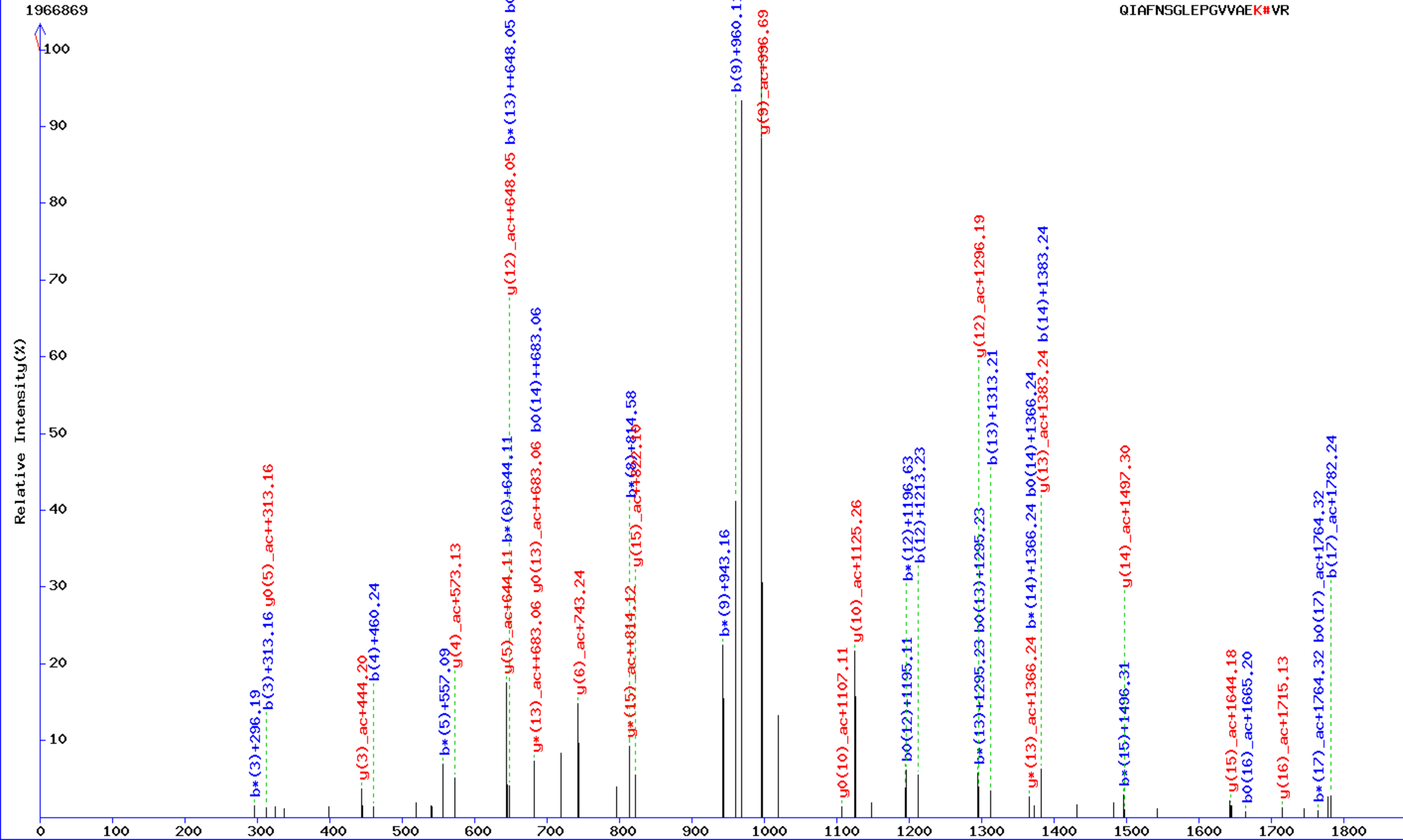
LVAVIELK#K



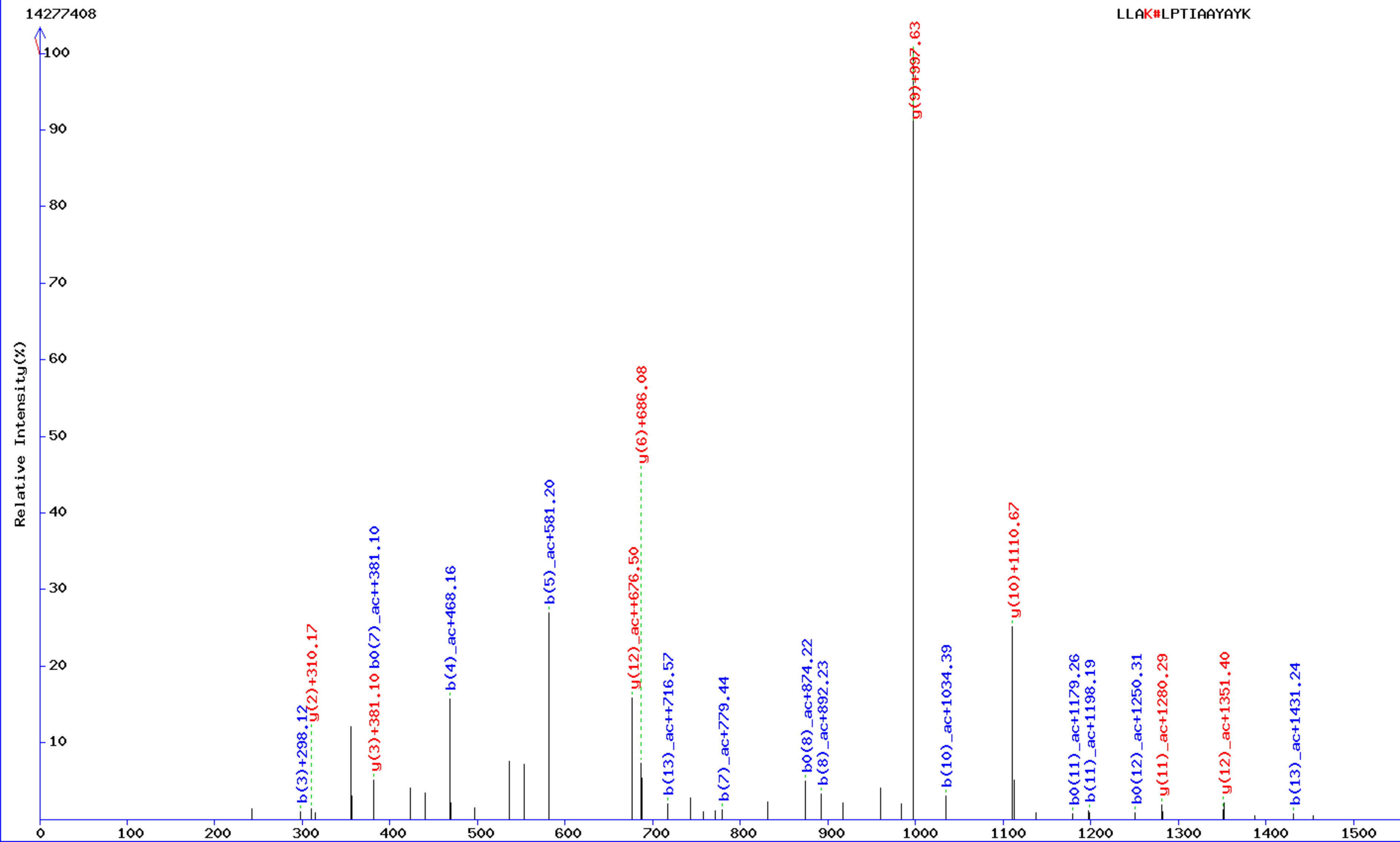


gi|148660205 MRA\_0445 molecular chaperone GroEL

QIAFNSGLEPGVVAEK#VR

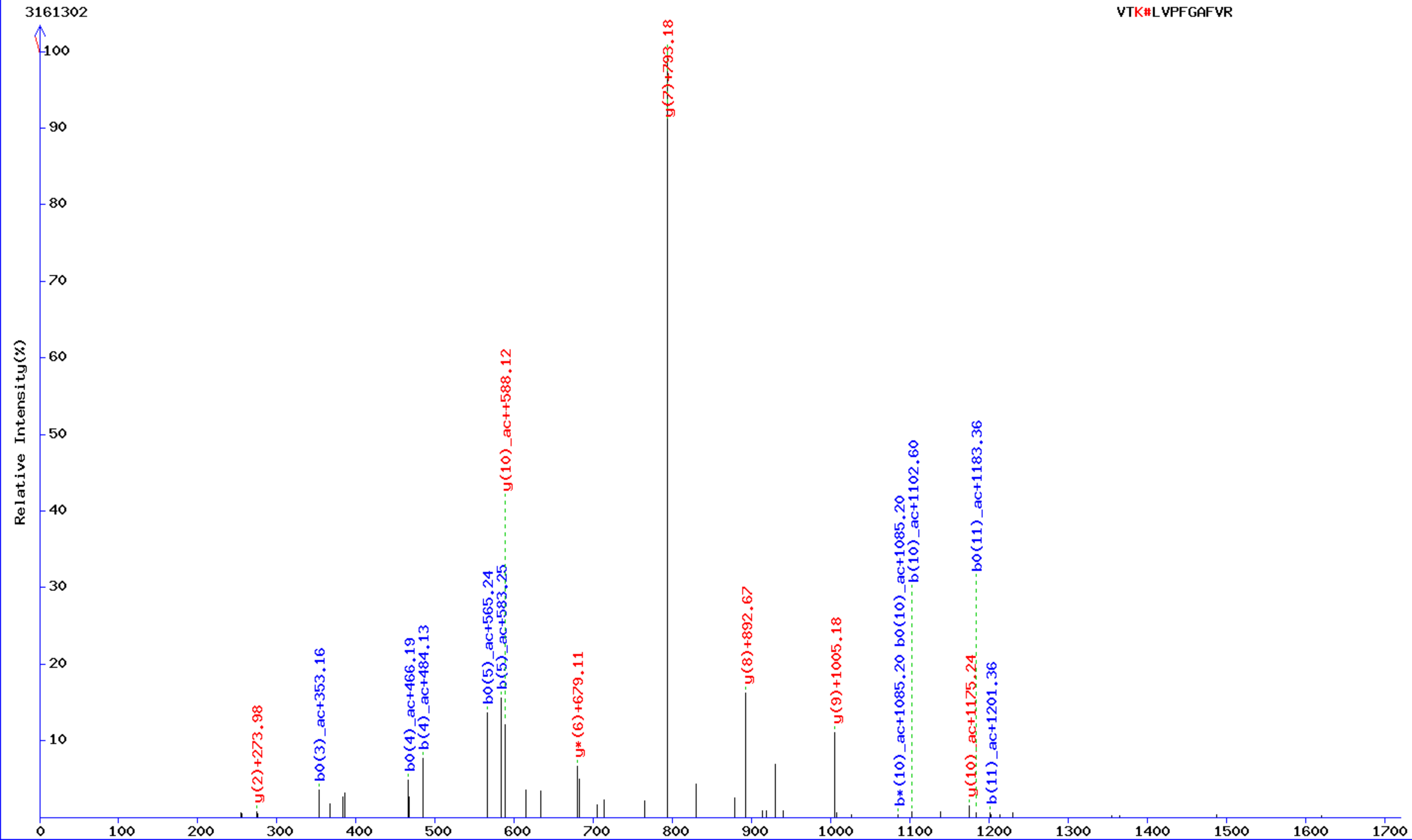


# gi|148660674 MRA\_0904 type II citrate synthase



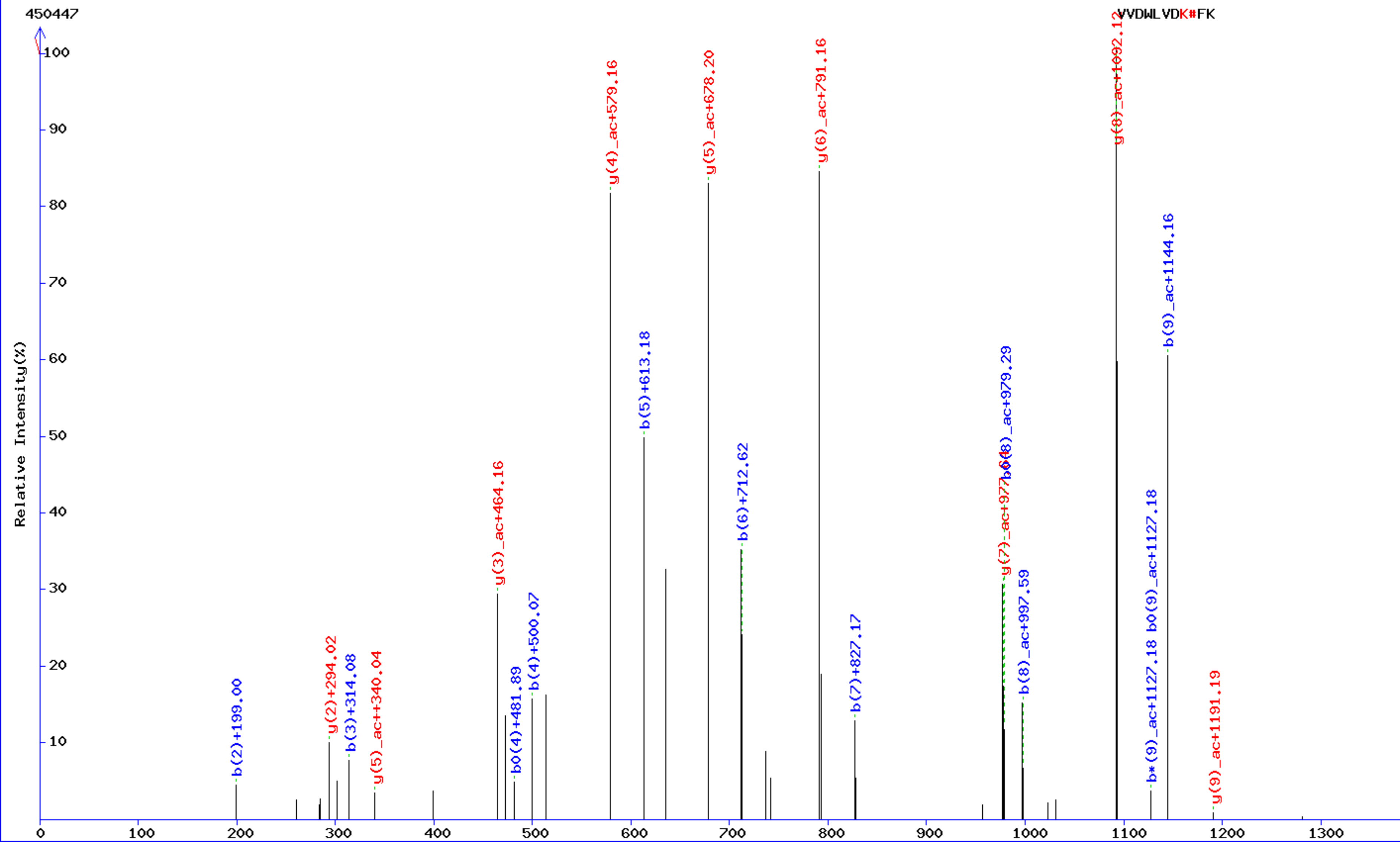
# gi|148661425 MRA\_1640 30S ribosomal protein S1

VTK#LVPFGAFVR



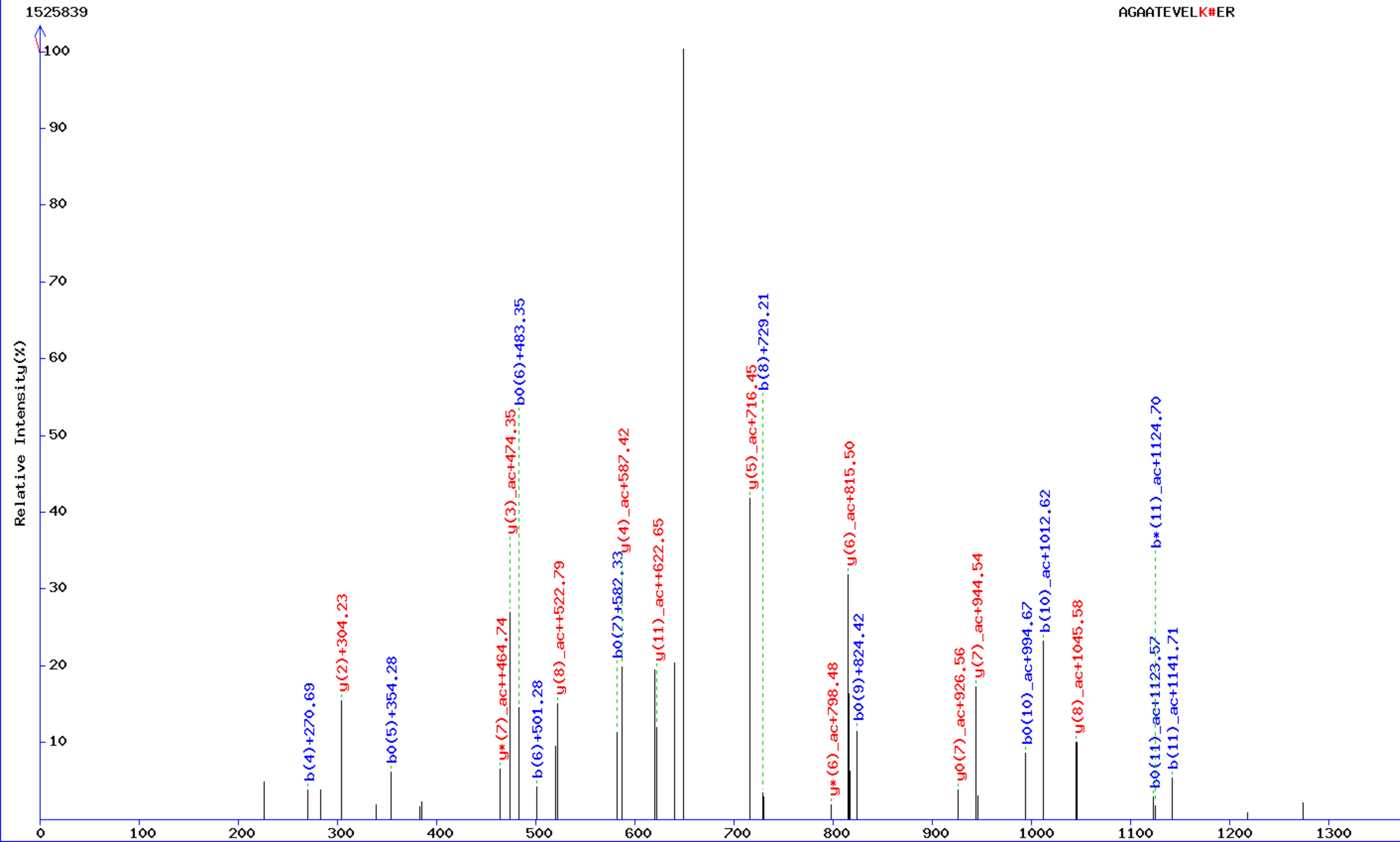


# gi|148660116 MRA\_0359 molecular chaperone DnaK



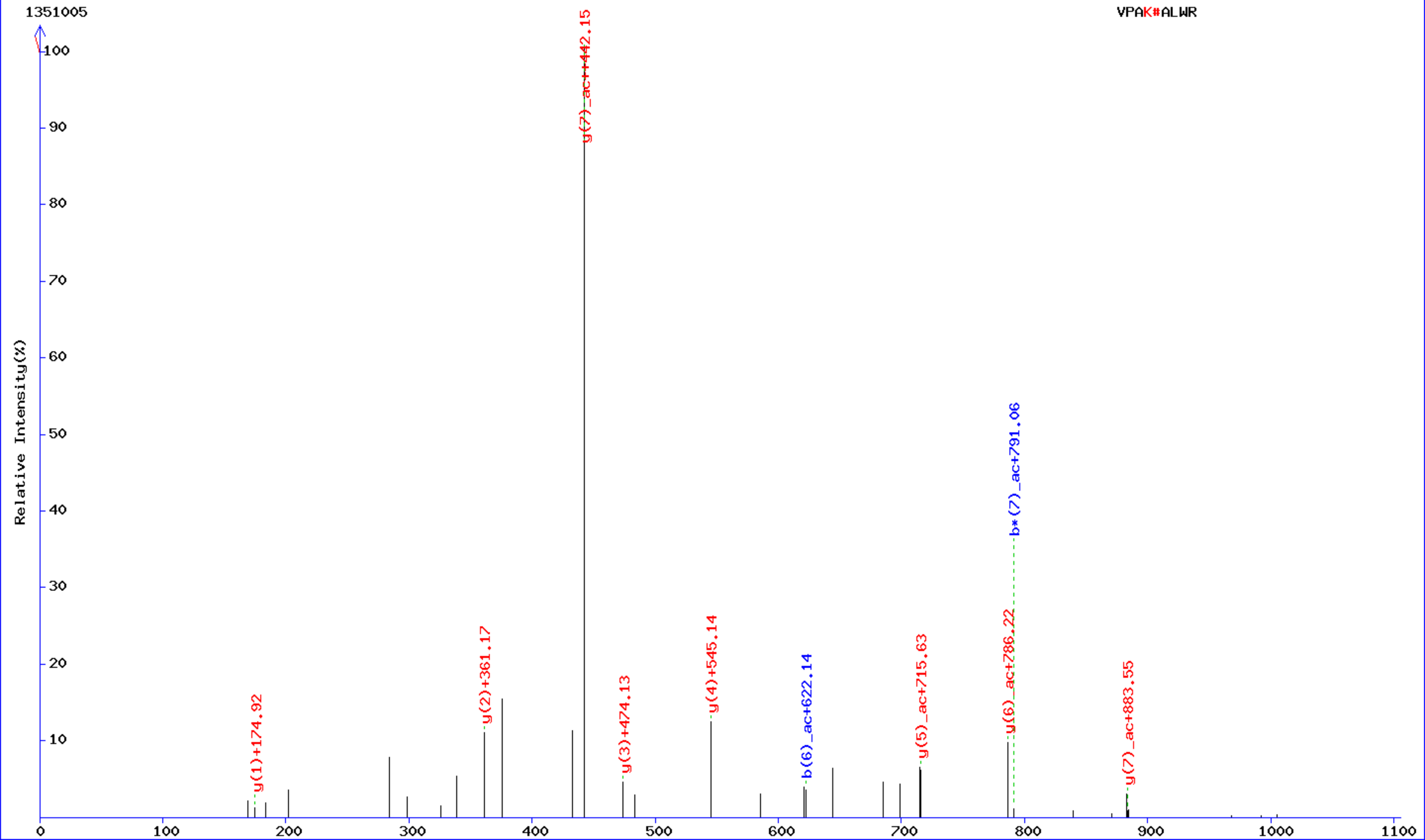
# gi|148660205 MRA\_0445 molecular chaperone GroEL

AGAATEVELK#ER



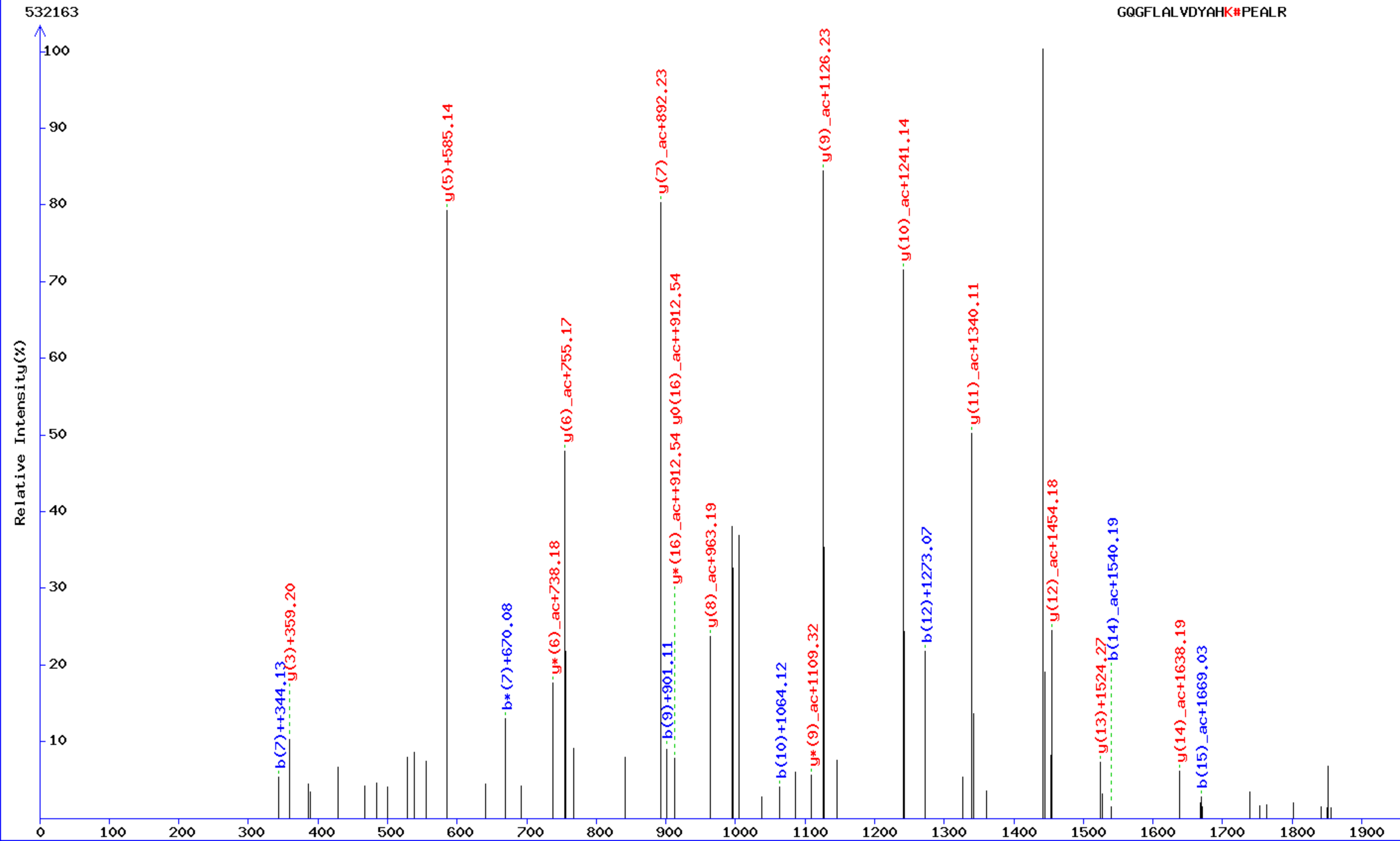
# gi|148660884 MRA\_1109 fumarate hydratase

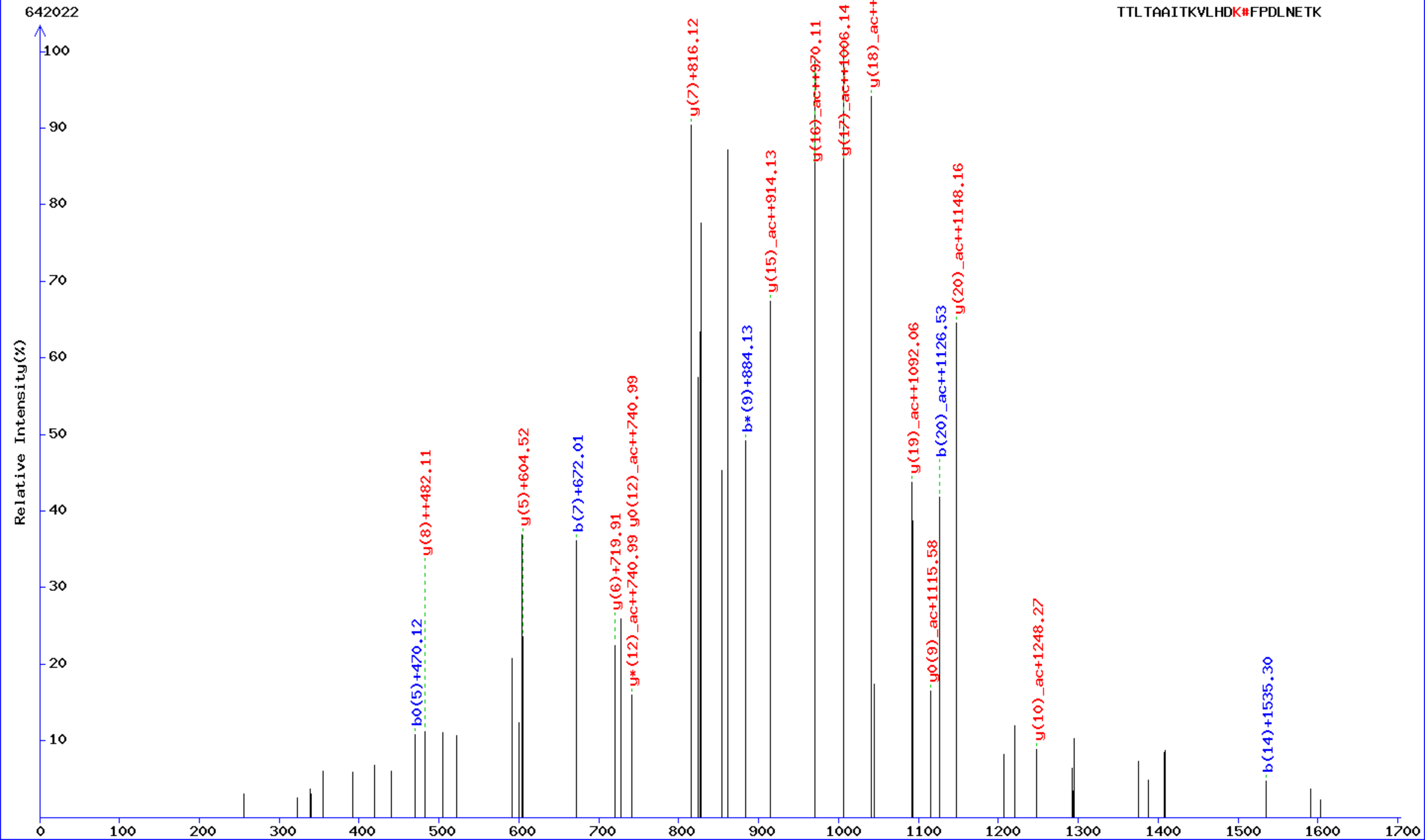
VPAK#ALWR



# gi|148661974 MRA\_2173 UDP-N-acetylmuramoylalanyl-D-glutamate--2,6-diaminopimelate ligase

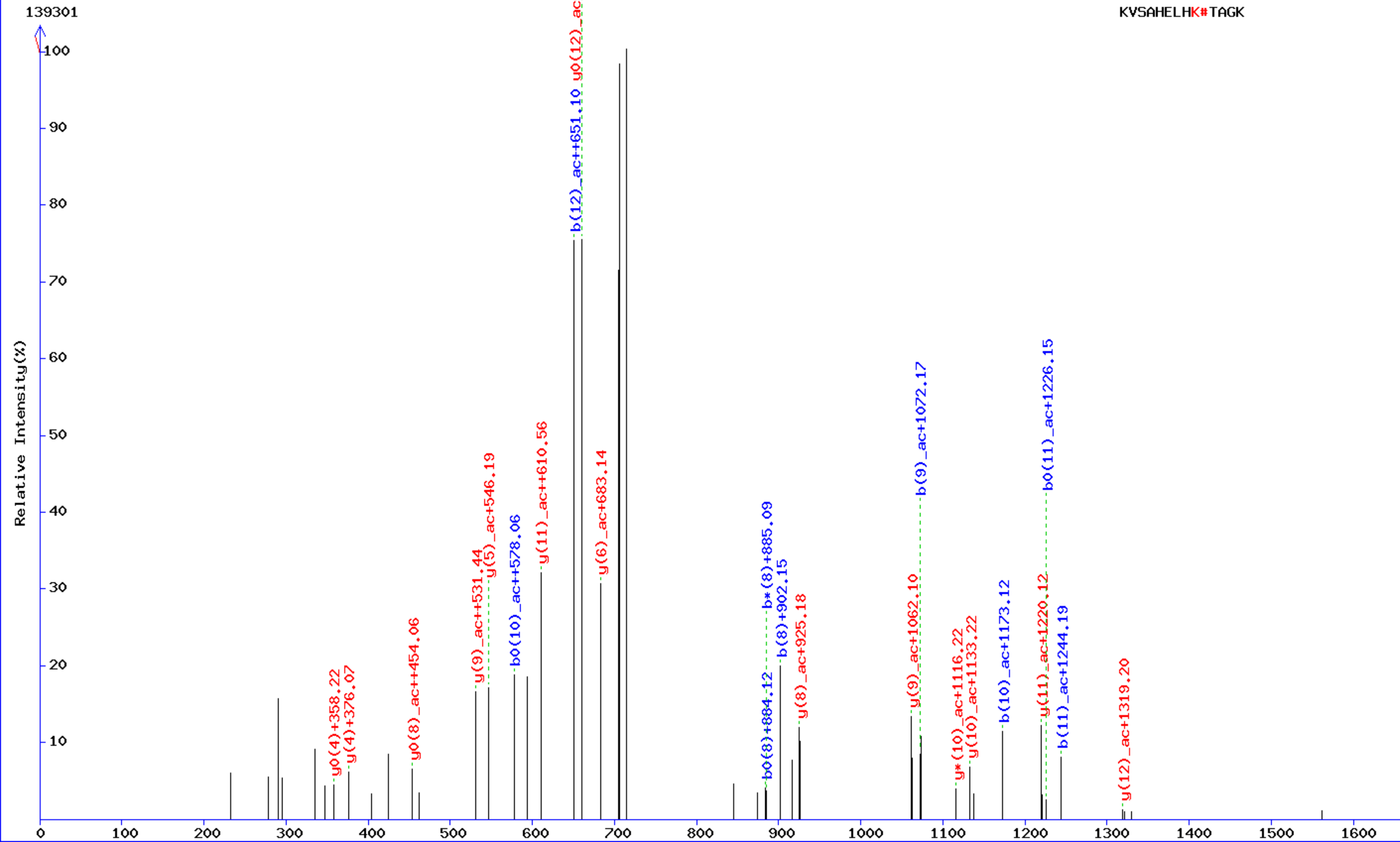
GQGFLALVDYAHK#PEALR



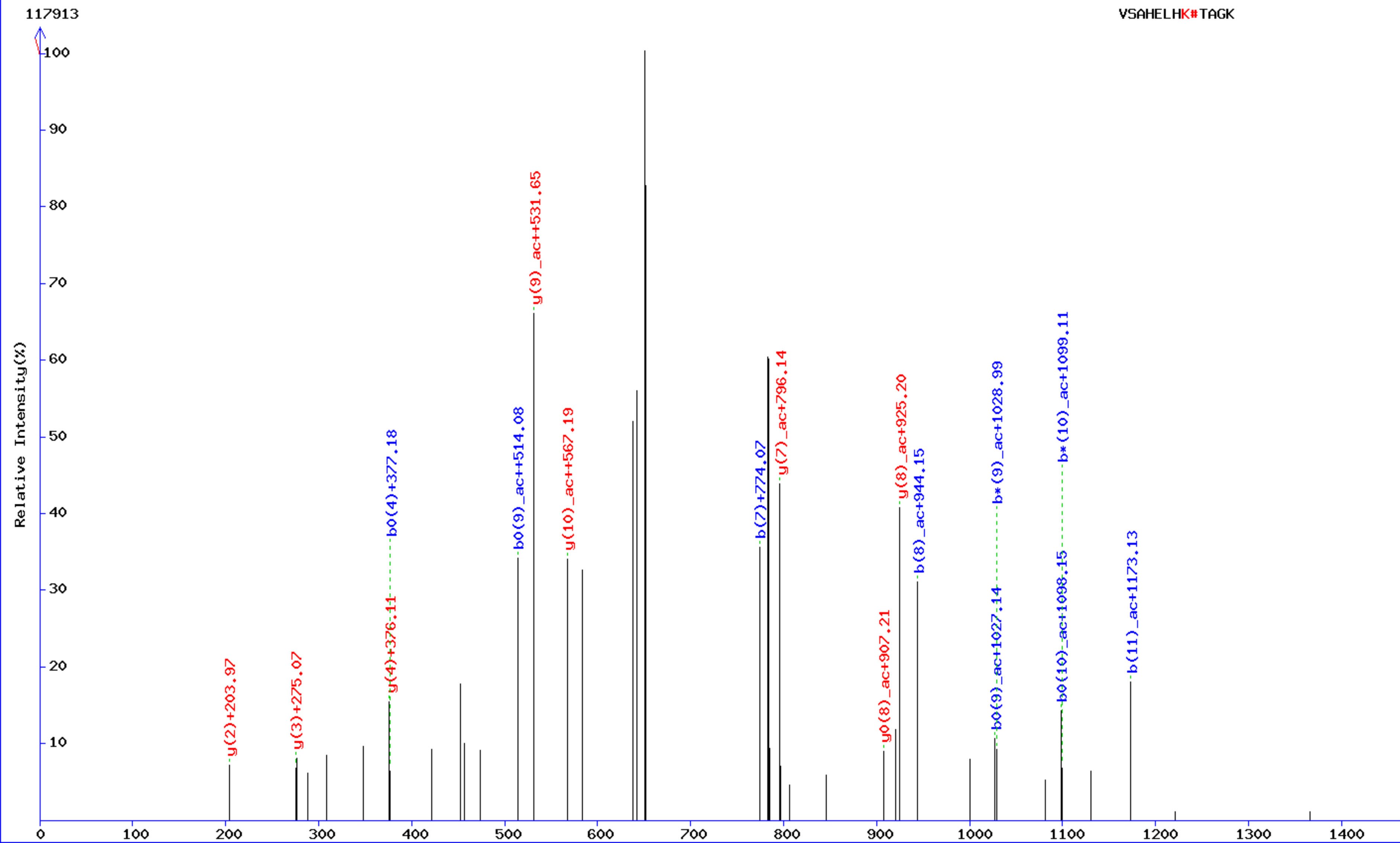


# gi|148660602 MRA\_0834 fatty acid desaturase

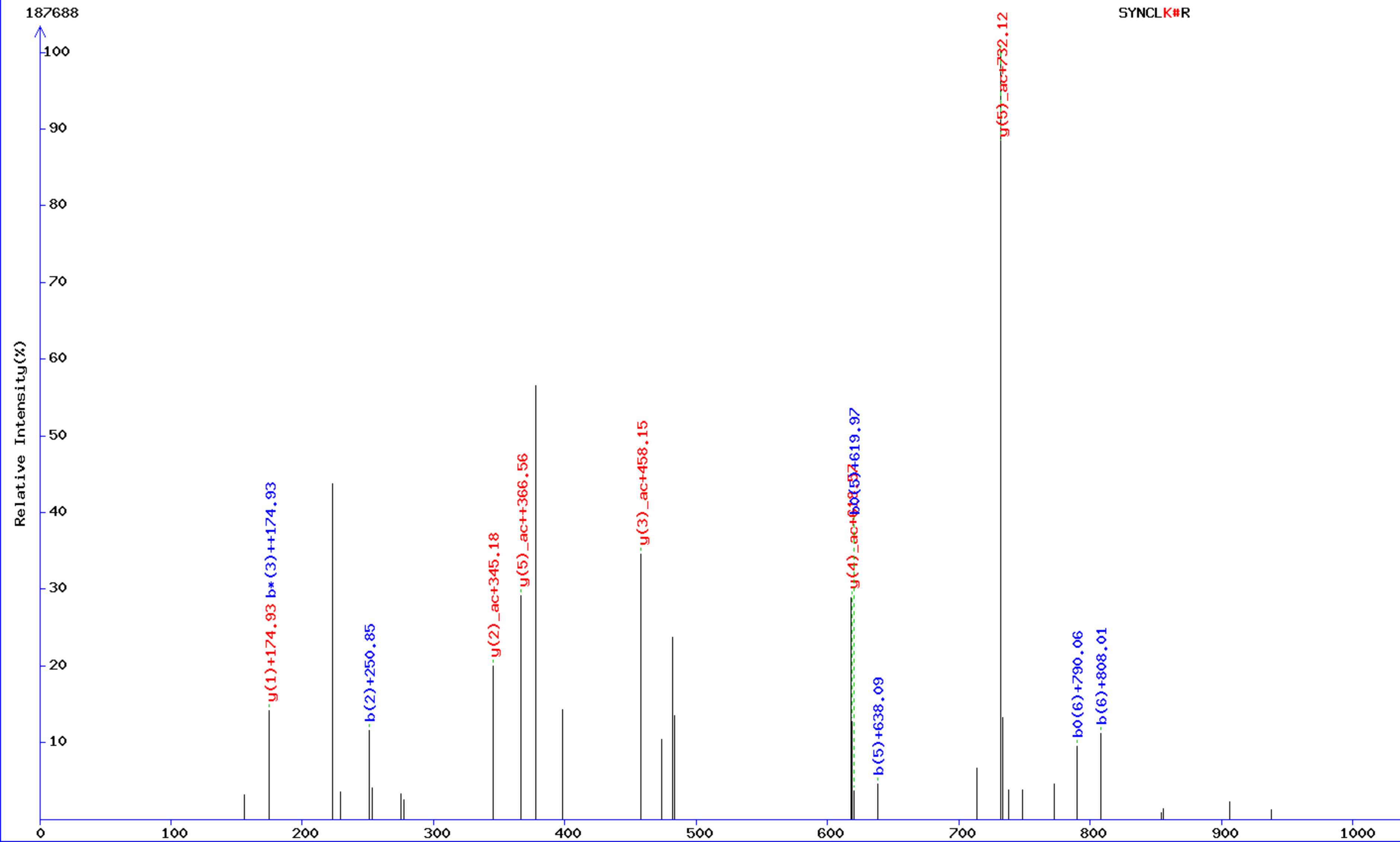
KVSAHELHK#TAGK



# gi|148660602 MRA\_0834 fatty acid desaturase



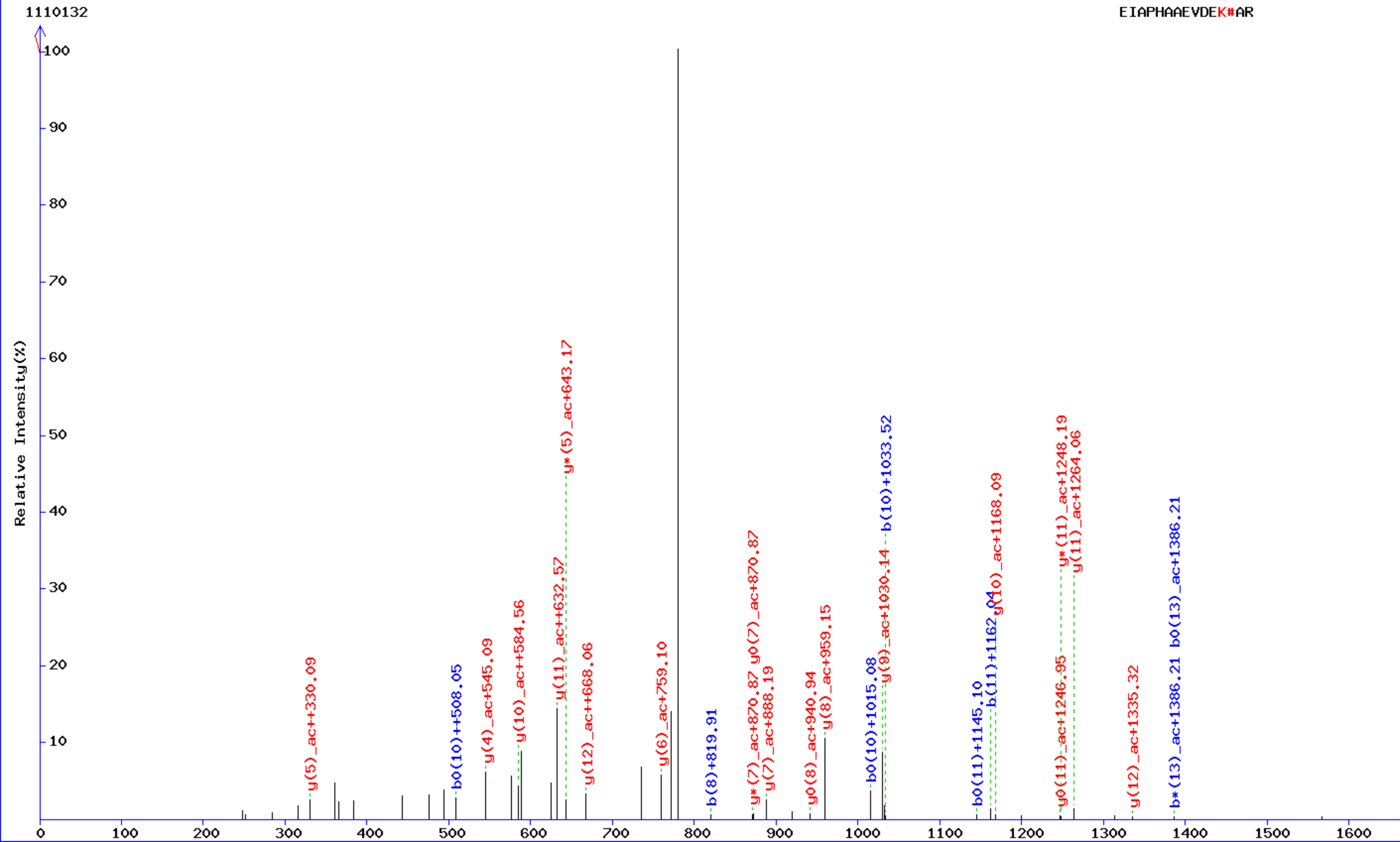
# gi|148663322 MRA\_3498 DNA-directed RNA polymerase subunit alpha



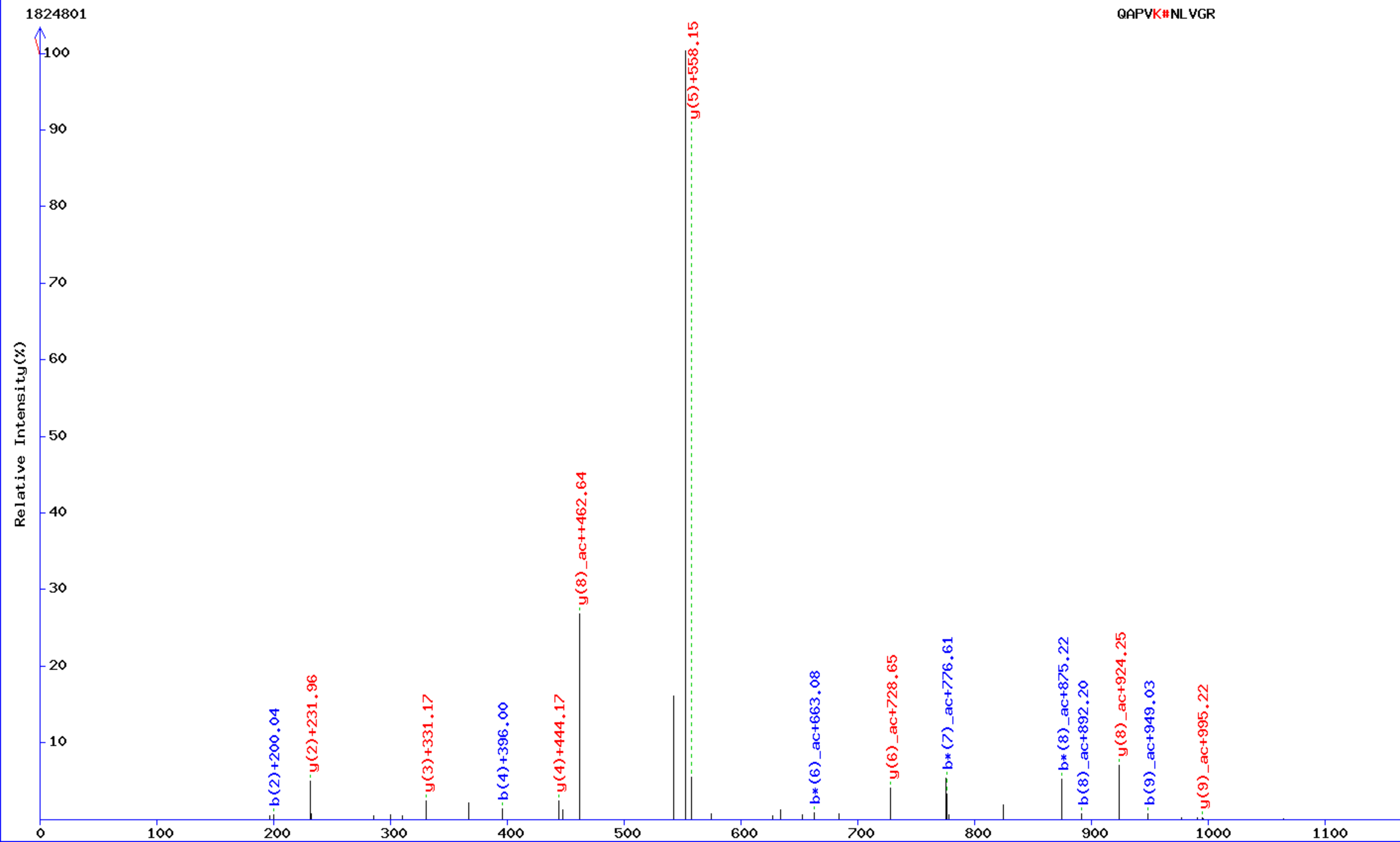


# gi|148663137 MRA\_3315 acyl-CoA dehydrogenase

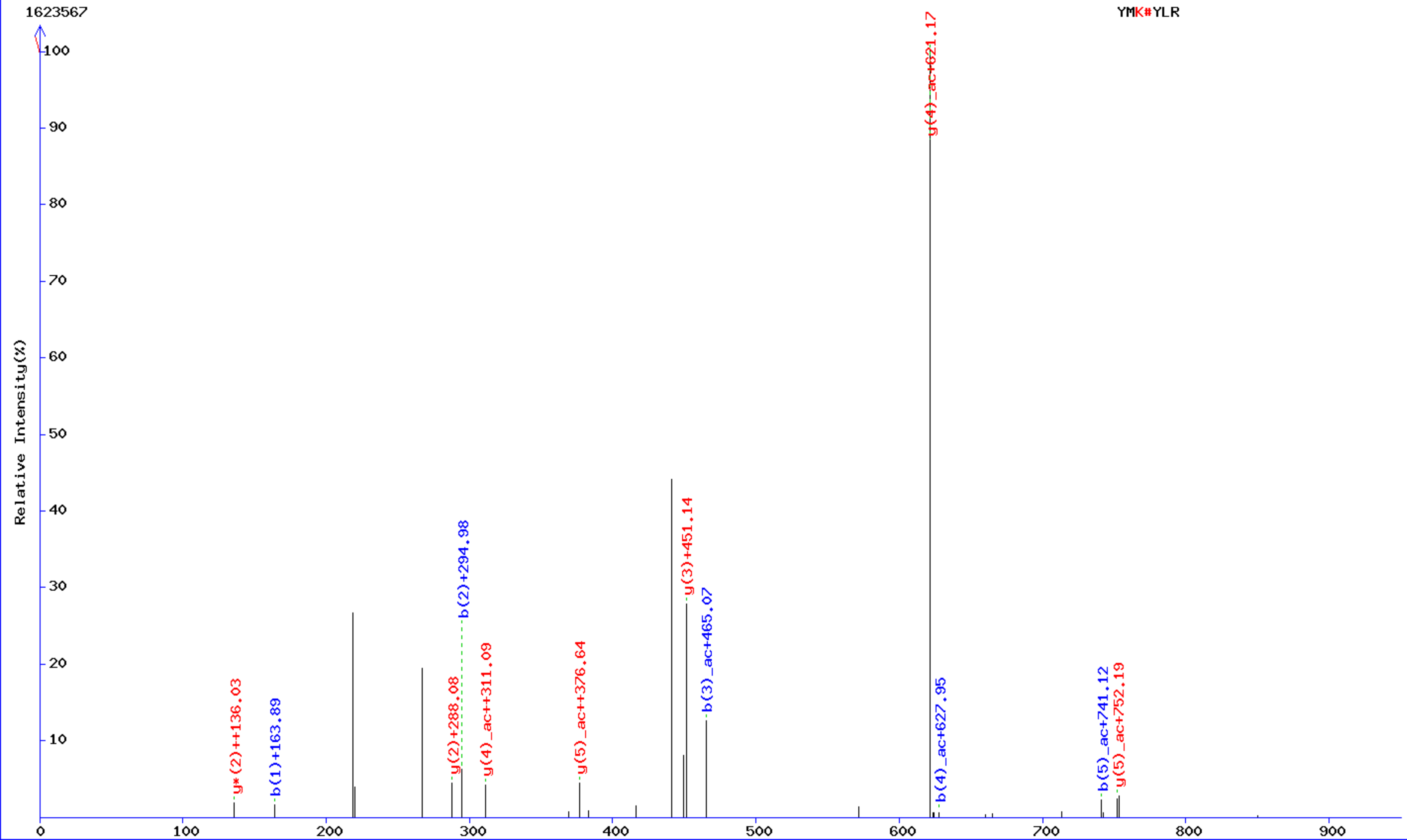
EIAPHAAEVDEK#AR



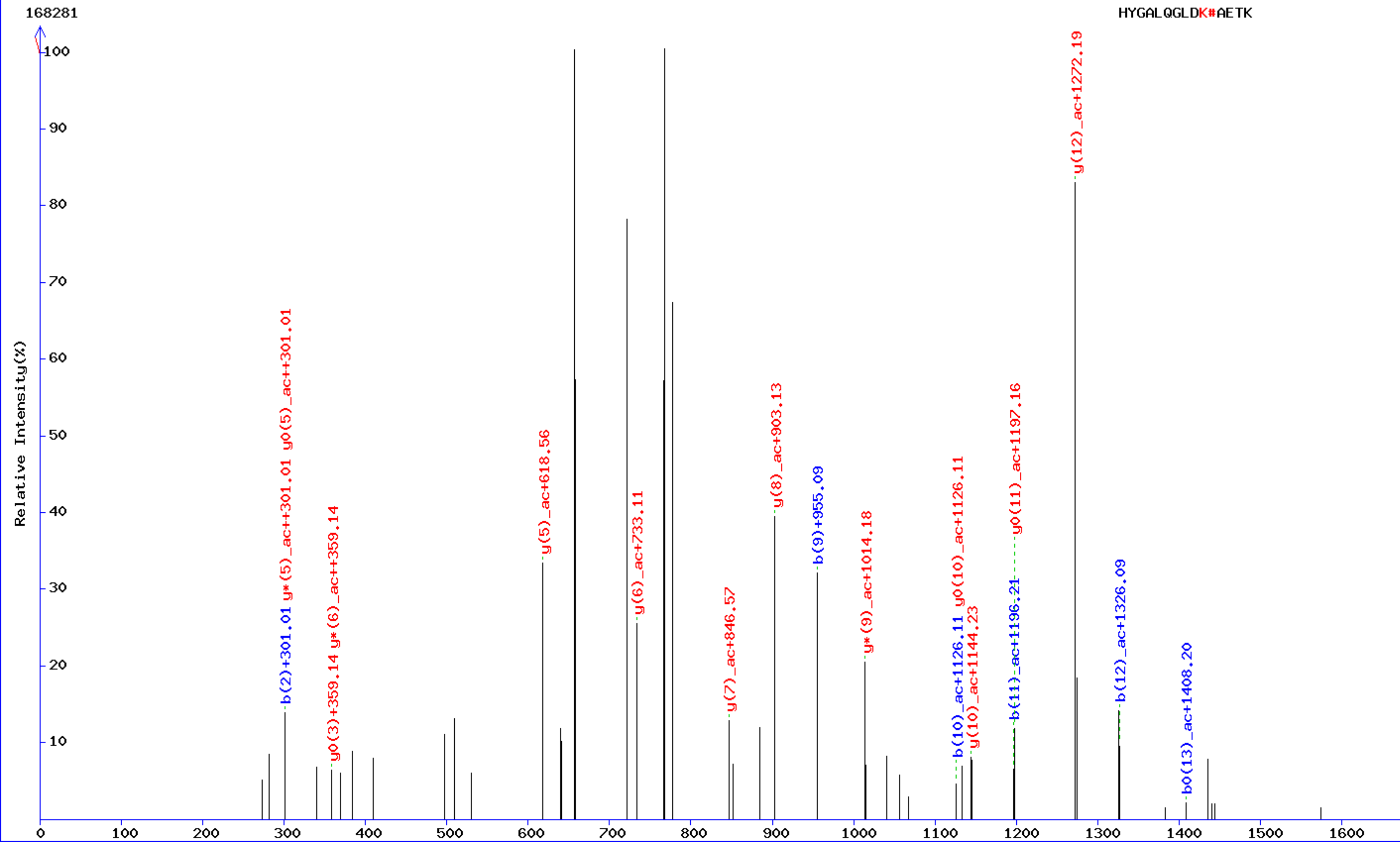
# gi|148660661 MRA\_0891 phosphoserine aminotransferase



# gi|148660416 MRA\_0653 methoxy mycolic acid synthase 4

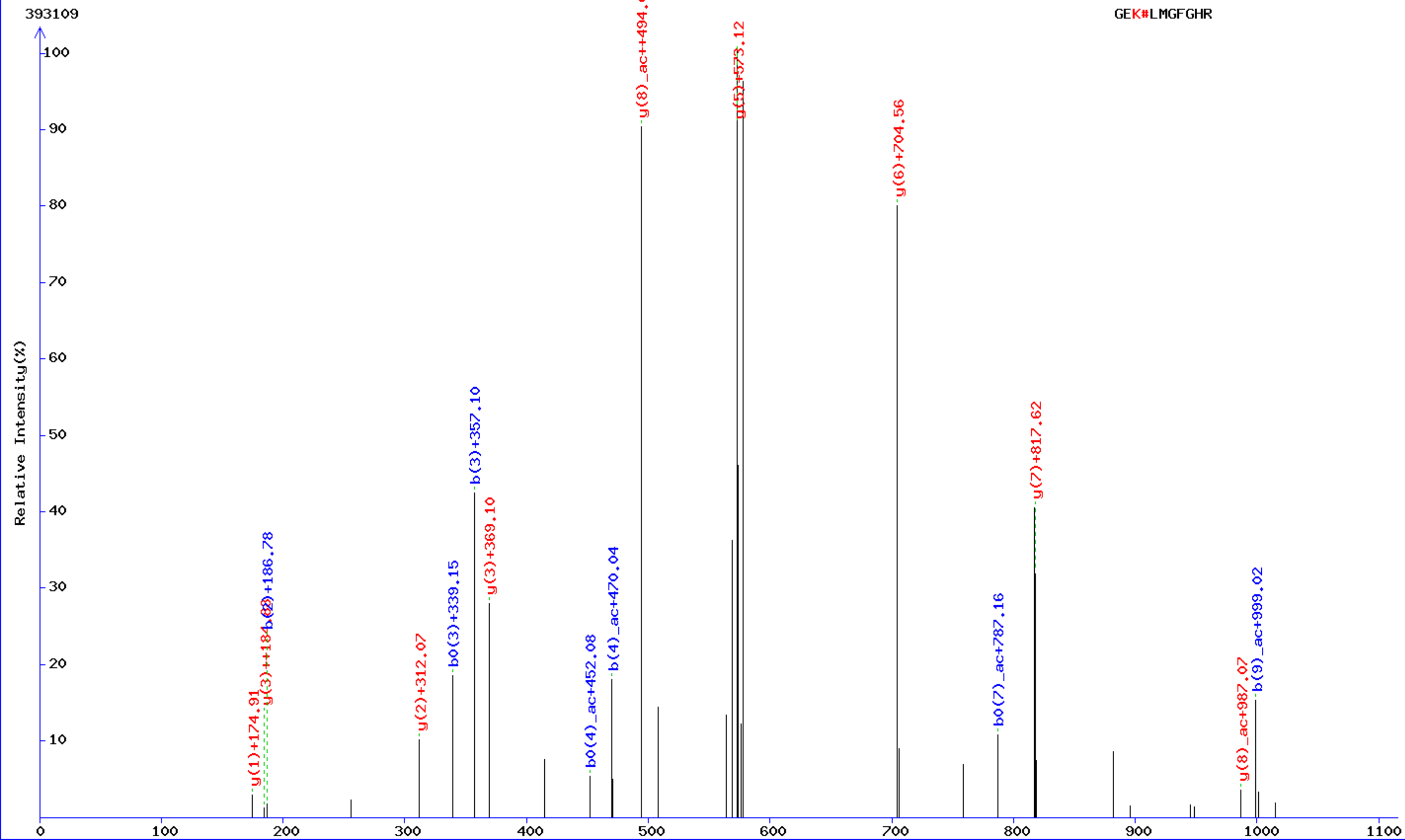


# gi|148660256 MRA\_0496 phosphoglyceromutase



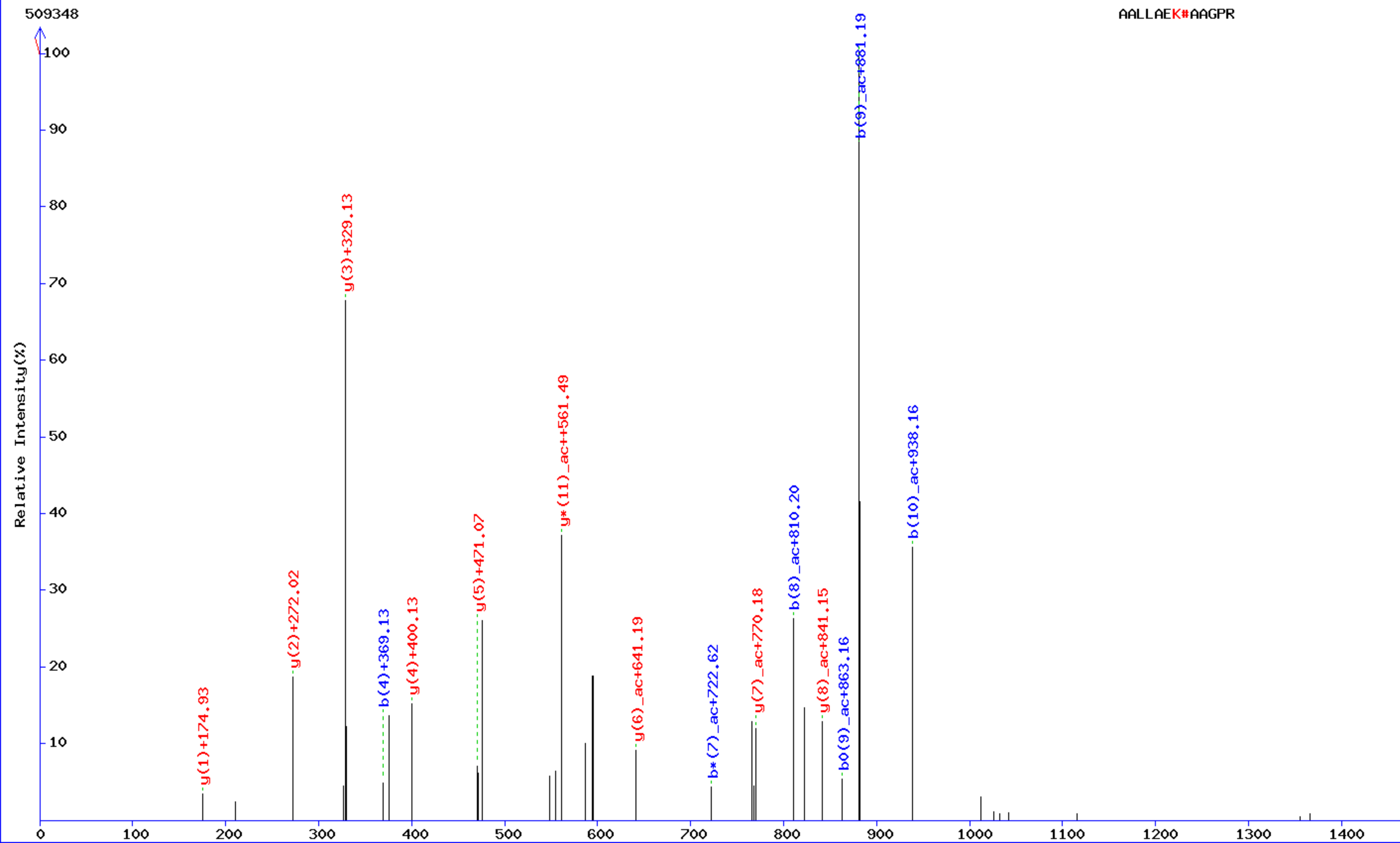
# gi|148660667 MRA\_0897 citrate synthase 2

GEK#LMGFGHR

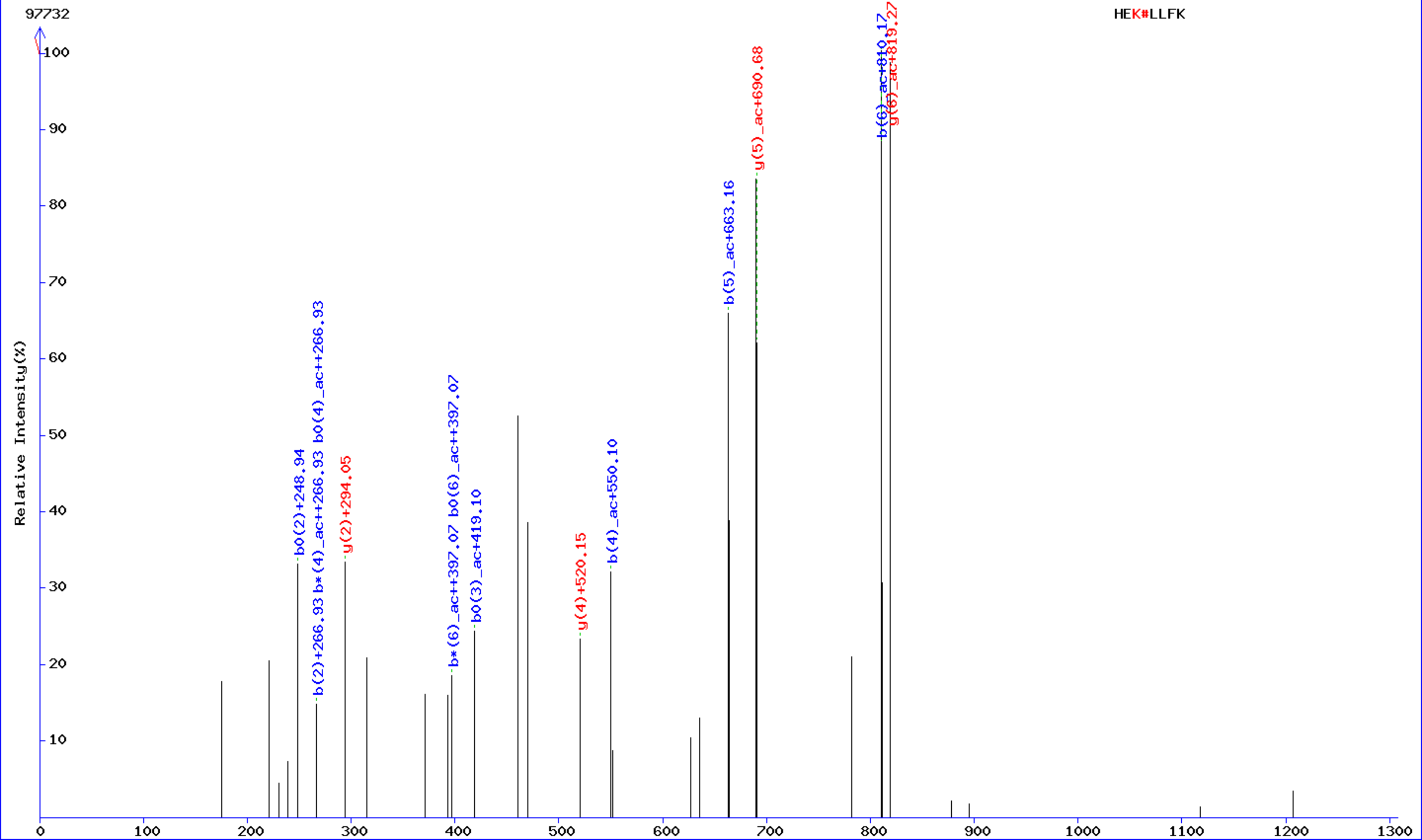


# gi|148662028 MRA\_2227 glycine cleavage system aminomethyltransferase T

AALLAEK#AAGPR

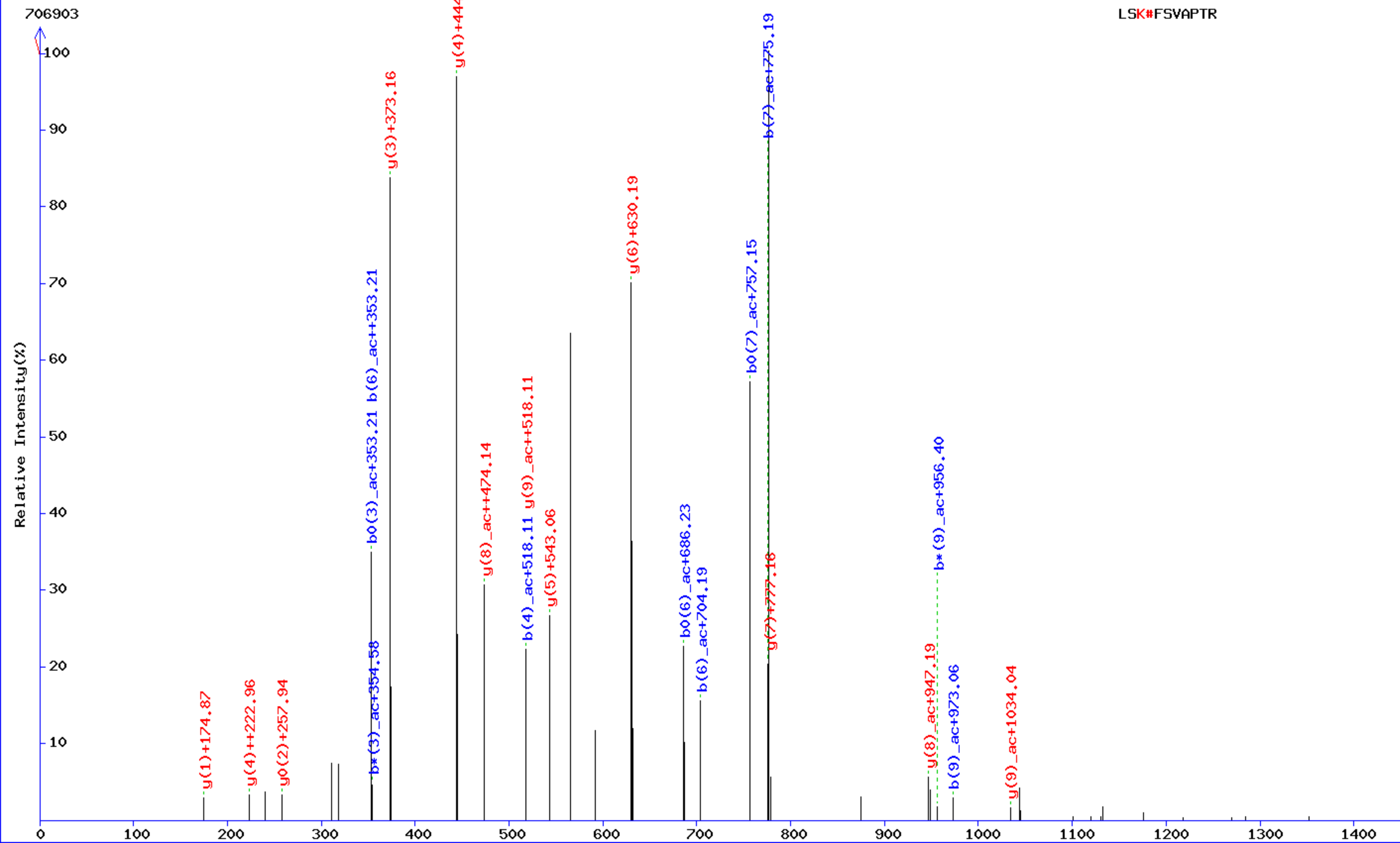


# gi|148660908 MRA\_1131 6-phosphogluconate dehydrogenase



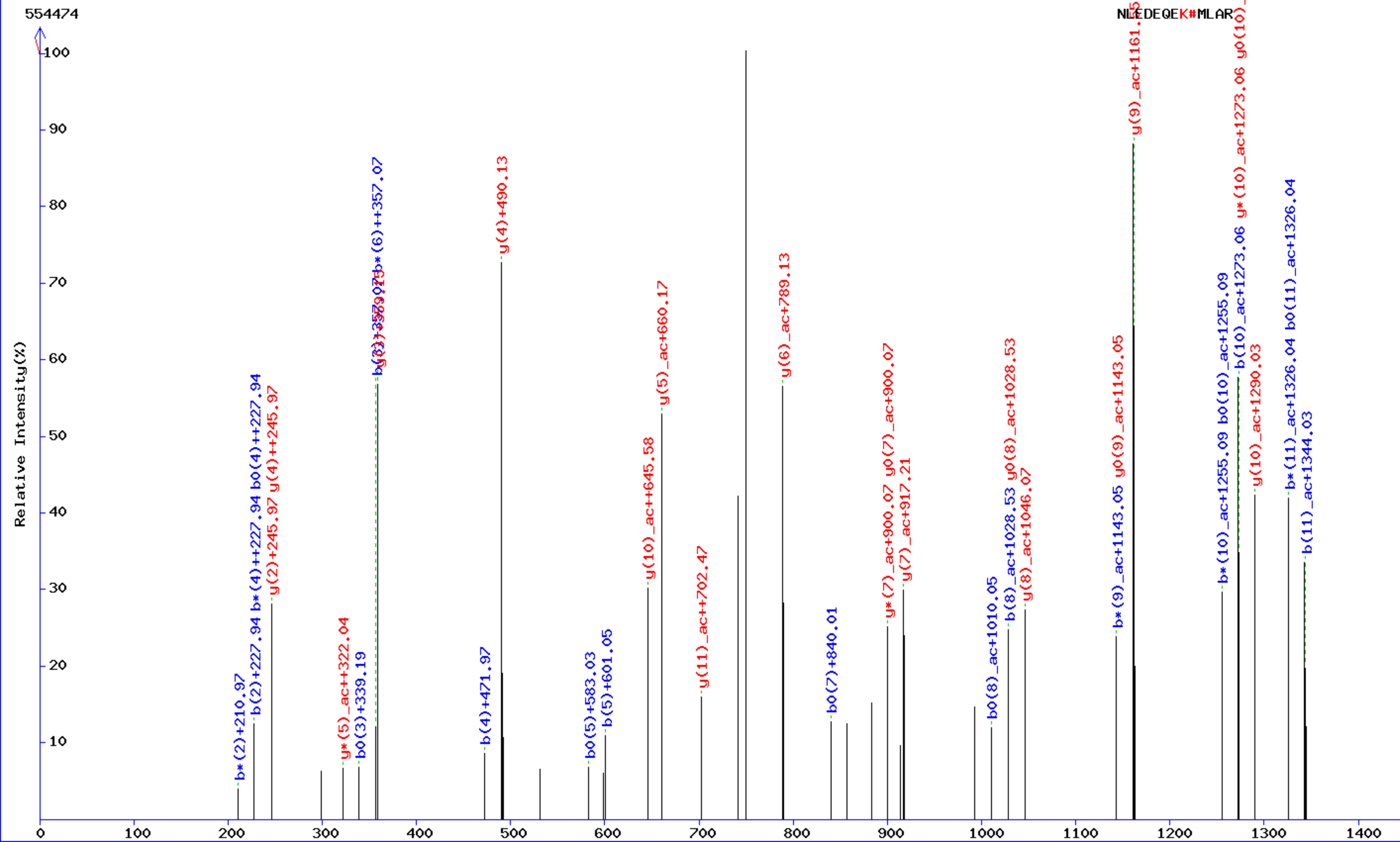
# gi|148663433 MRA\_3608 2-hydroxy-6-phenylhexa-2,4-dienoic acid hydrolase

LSK#FSVAPTR

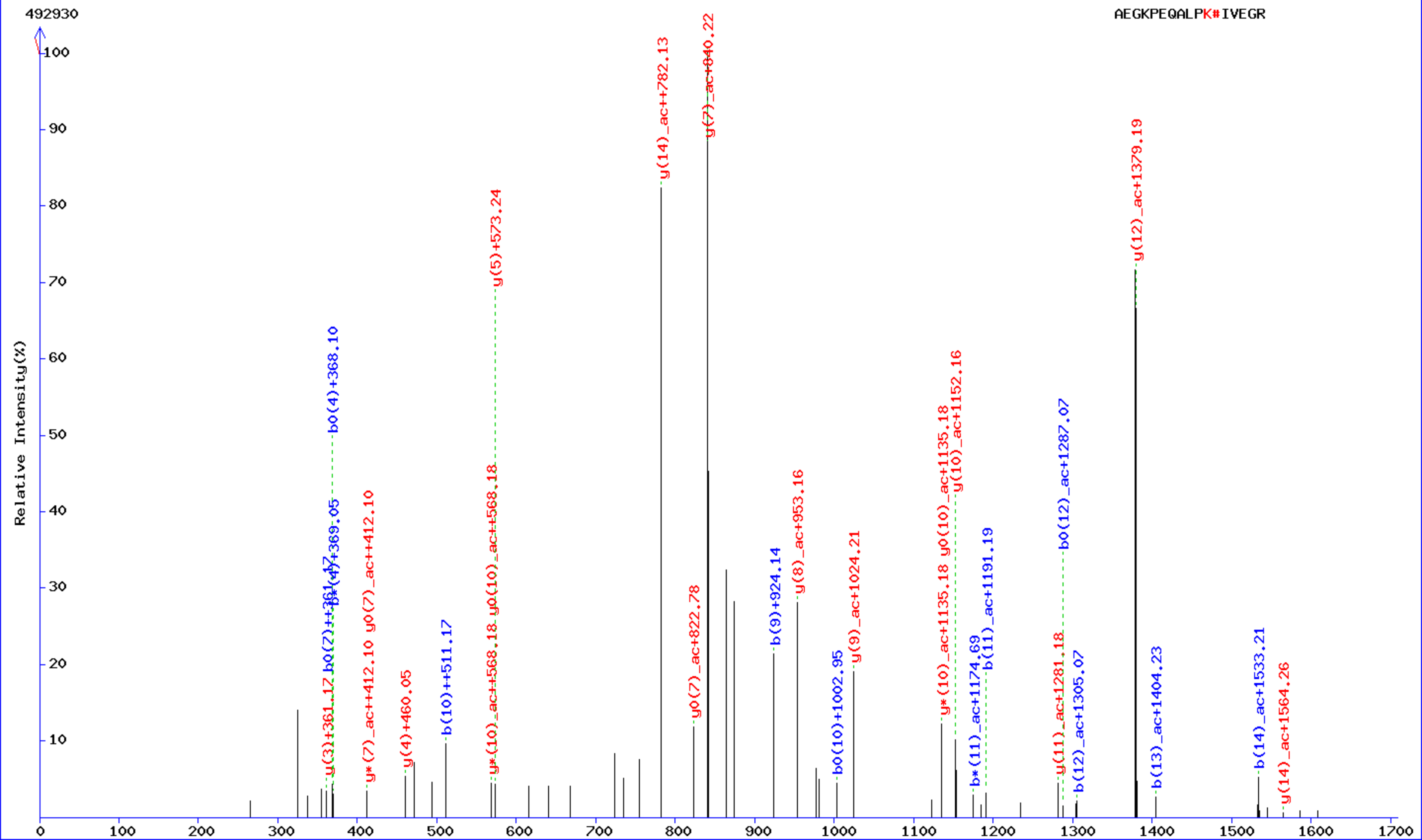




# gi|148661810 MRA\_2012 hypothetical protein

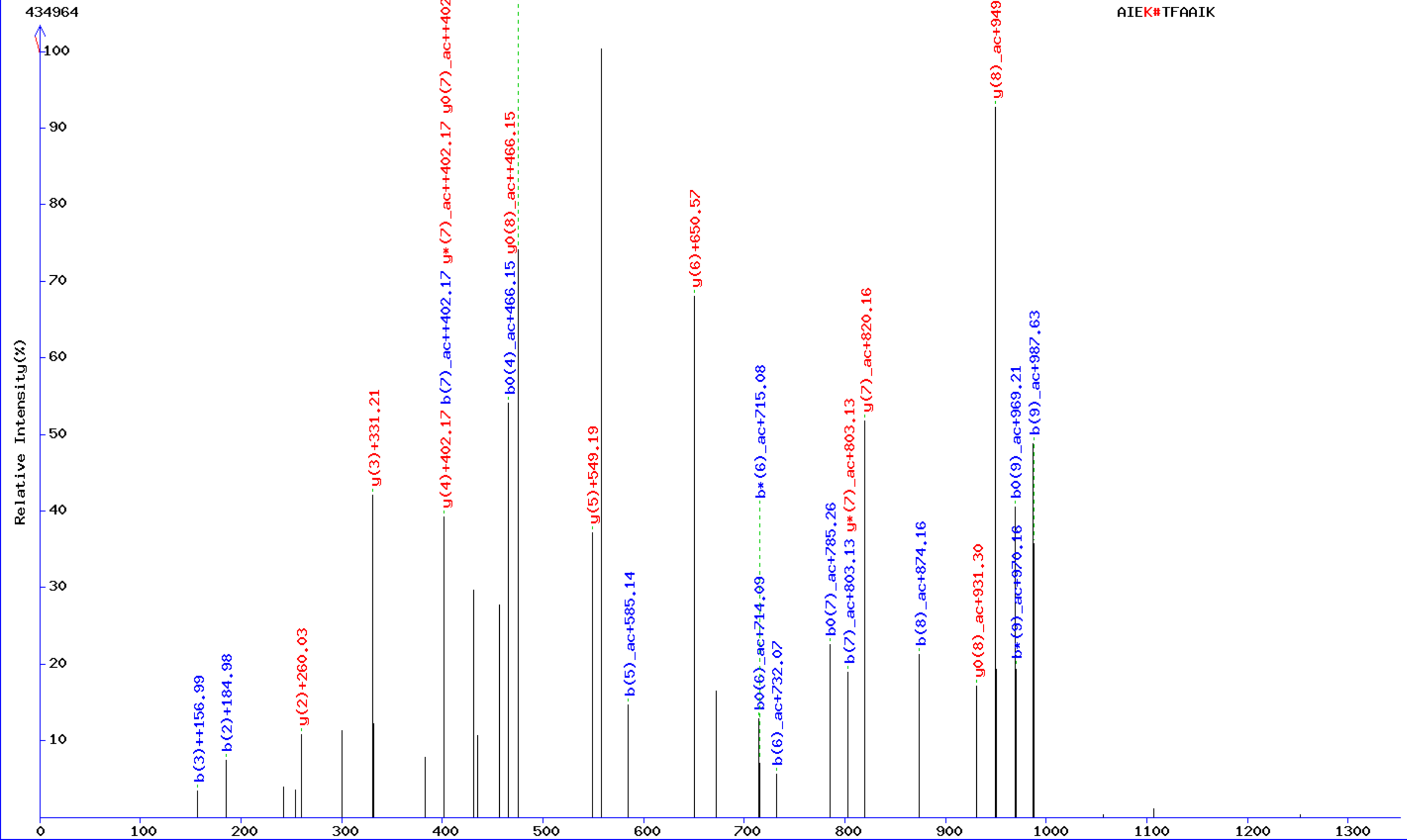


# gi|148662733 MRA\_2914 elongation factor Ts

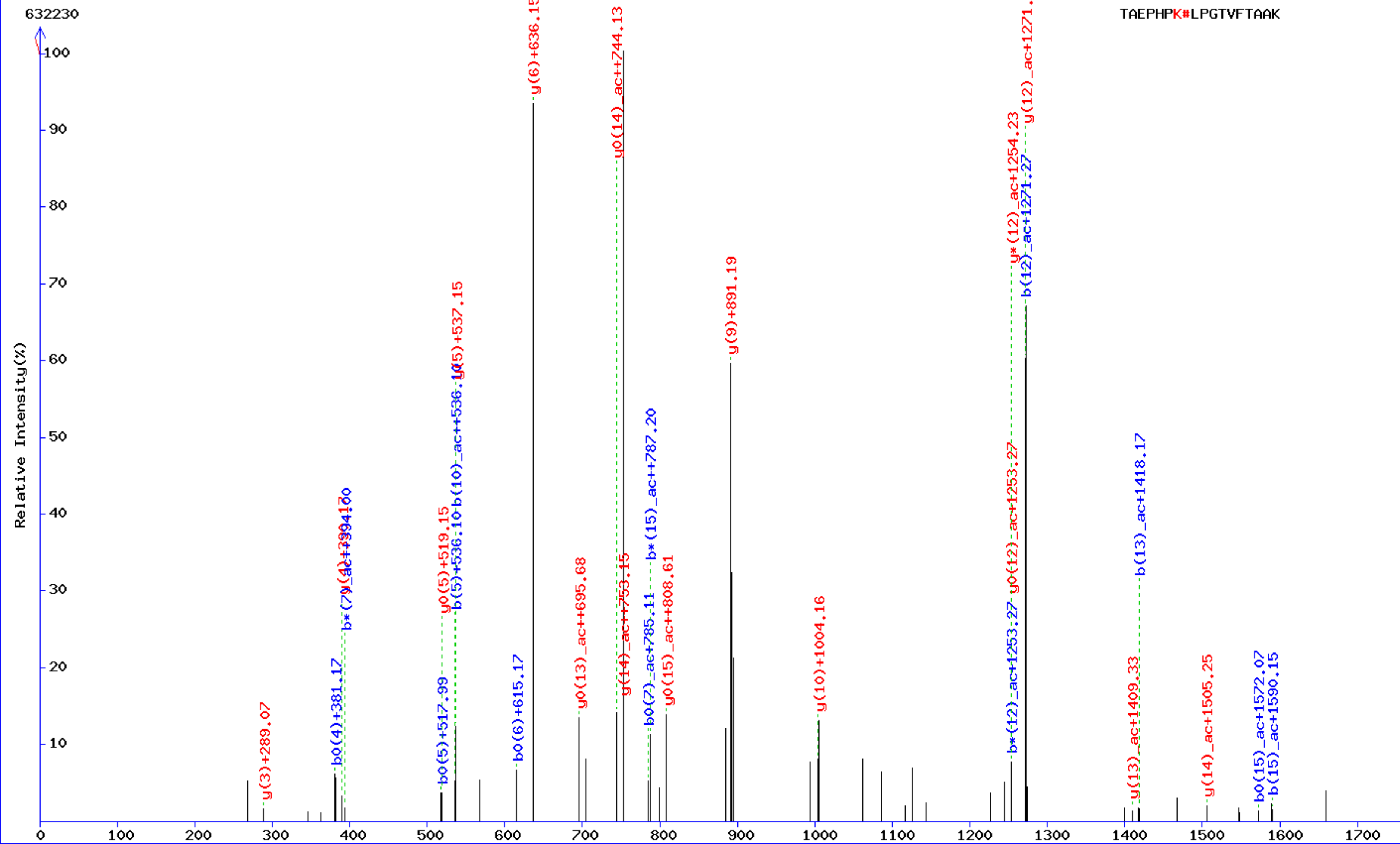


AEGKPEQALPK#IVEGR

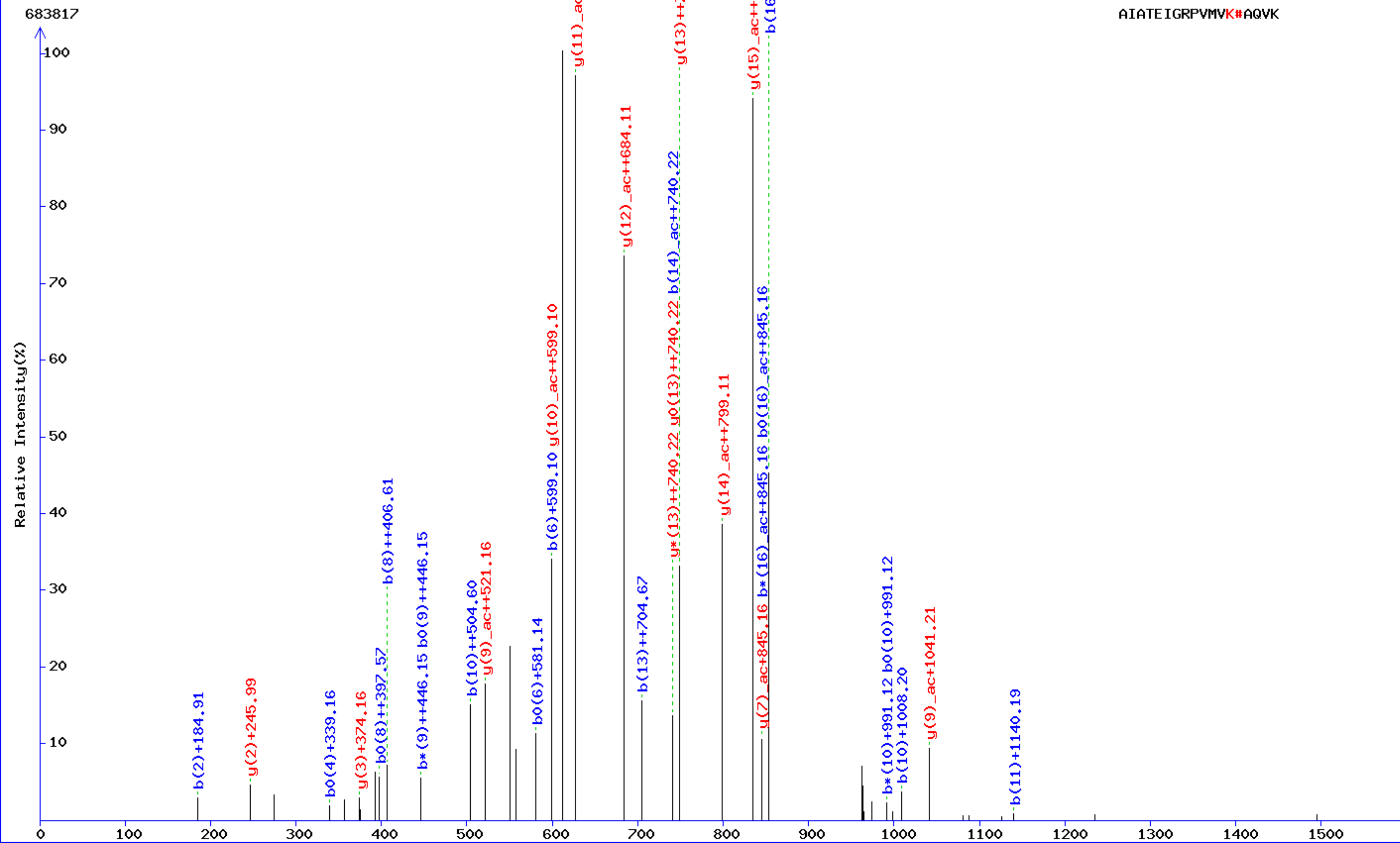
# gi|148661281 MRA\_1497 hypothetical protein



# gi|148663086 MRA\_3264 short chain dehydrogenase

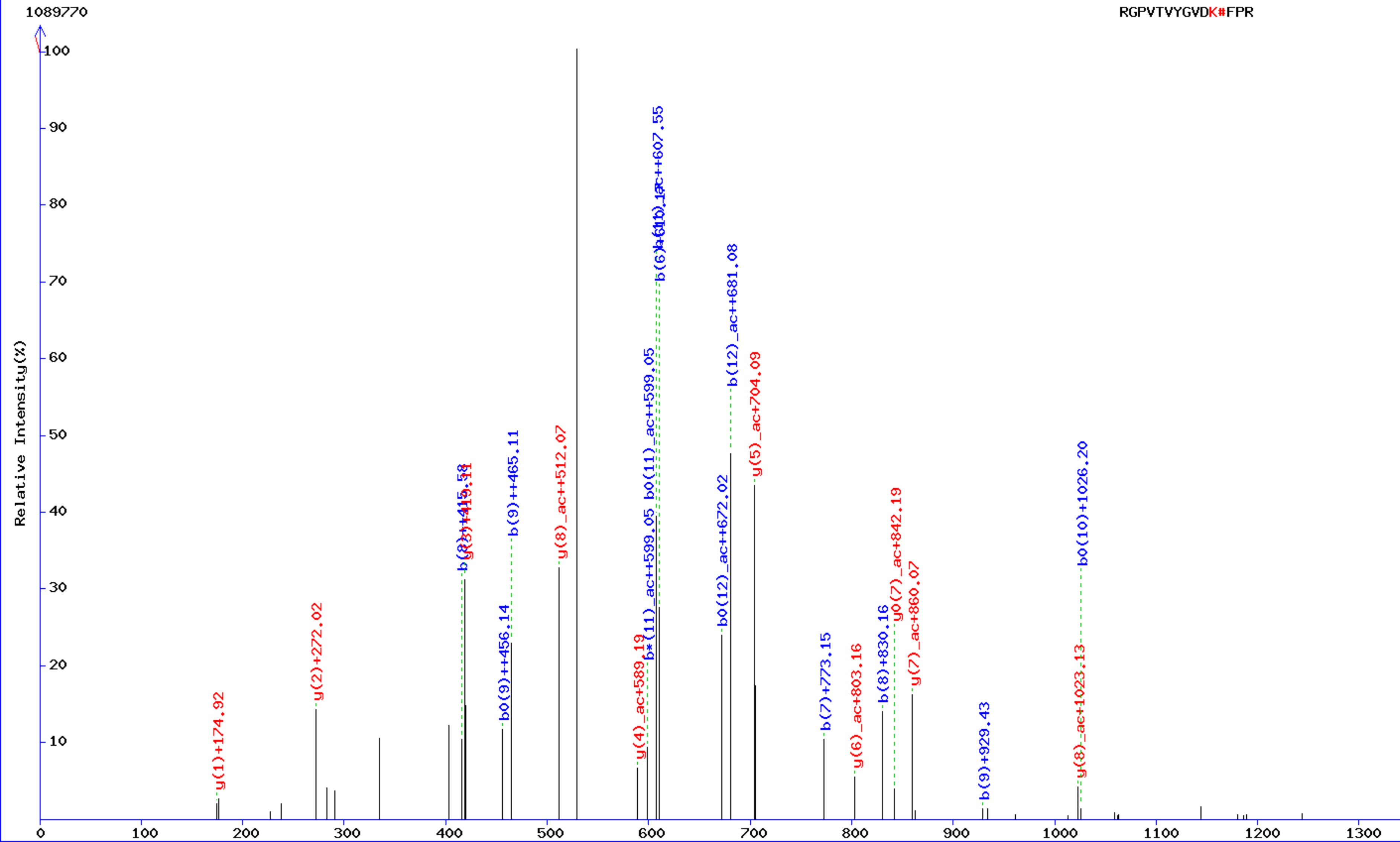


TAEPHPK#LPGTVFTAAK



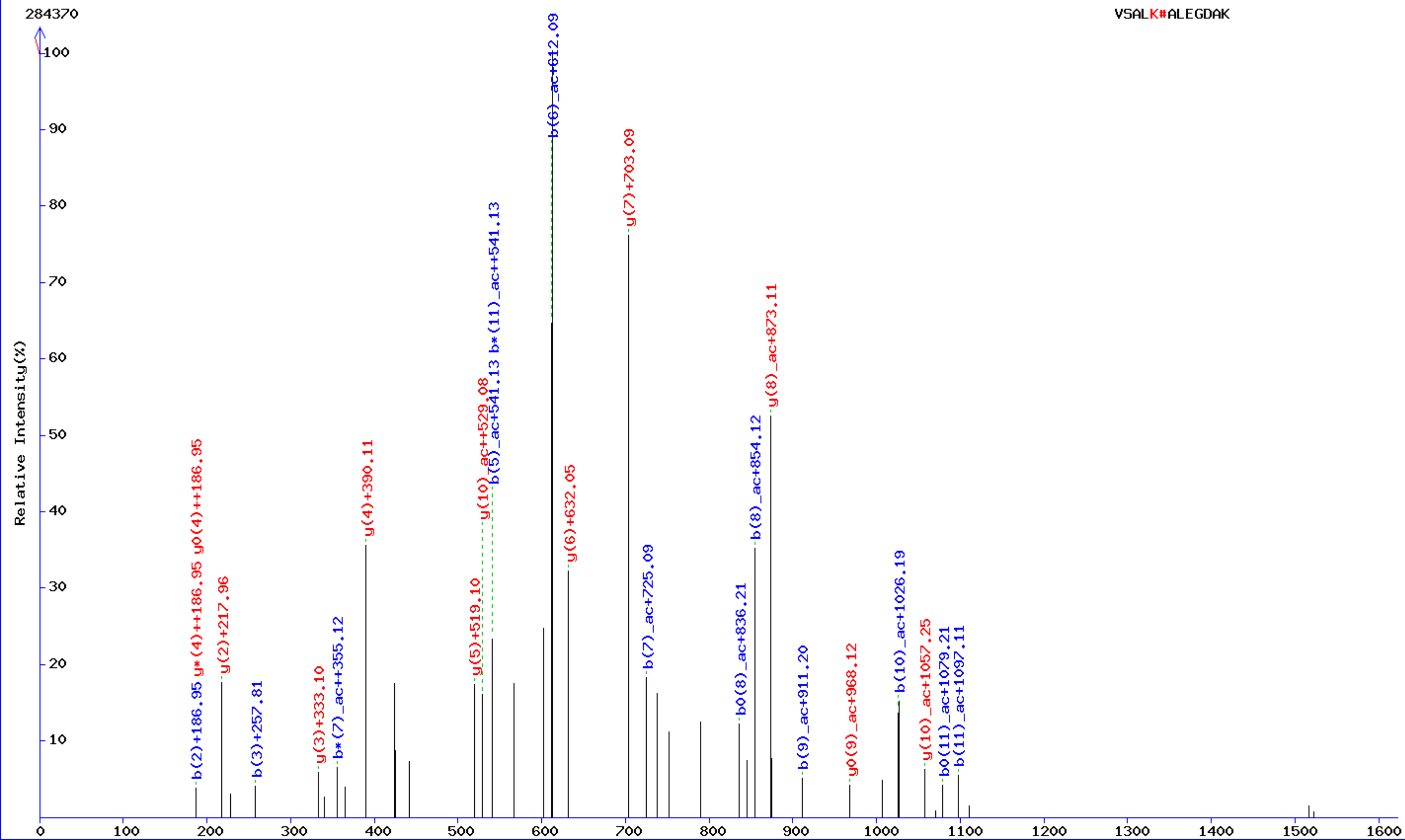
# gi|148660988 MRA\_1210 tetrahydrodipicolinate N-succinyltransferase

RGPVTVYGVDK#FPR



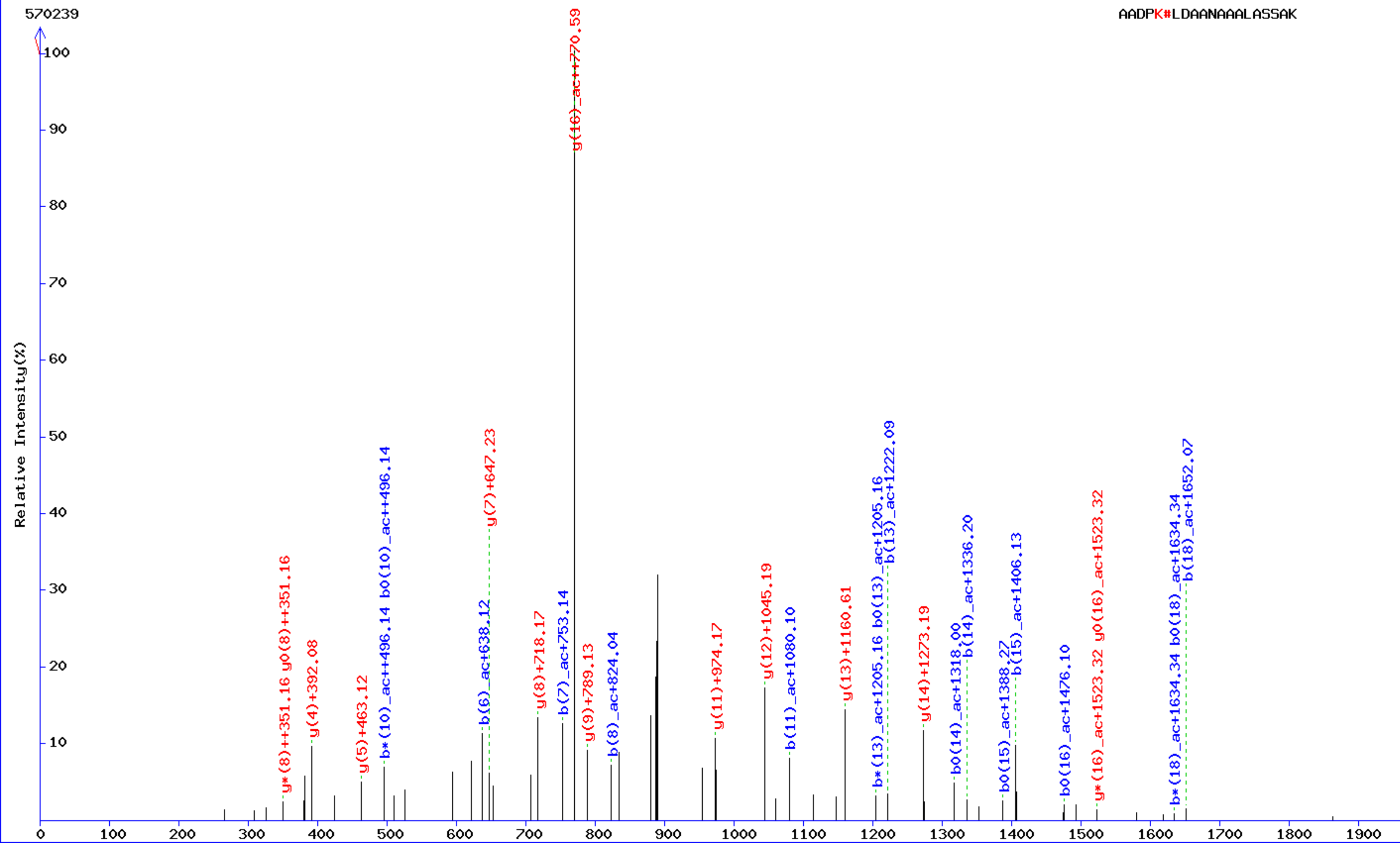
# gi|148660460 MRA\_0694 elongation factor Tu

VSALK#ALEGDAK

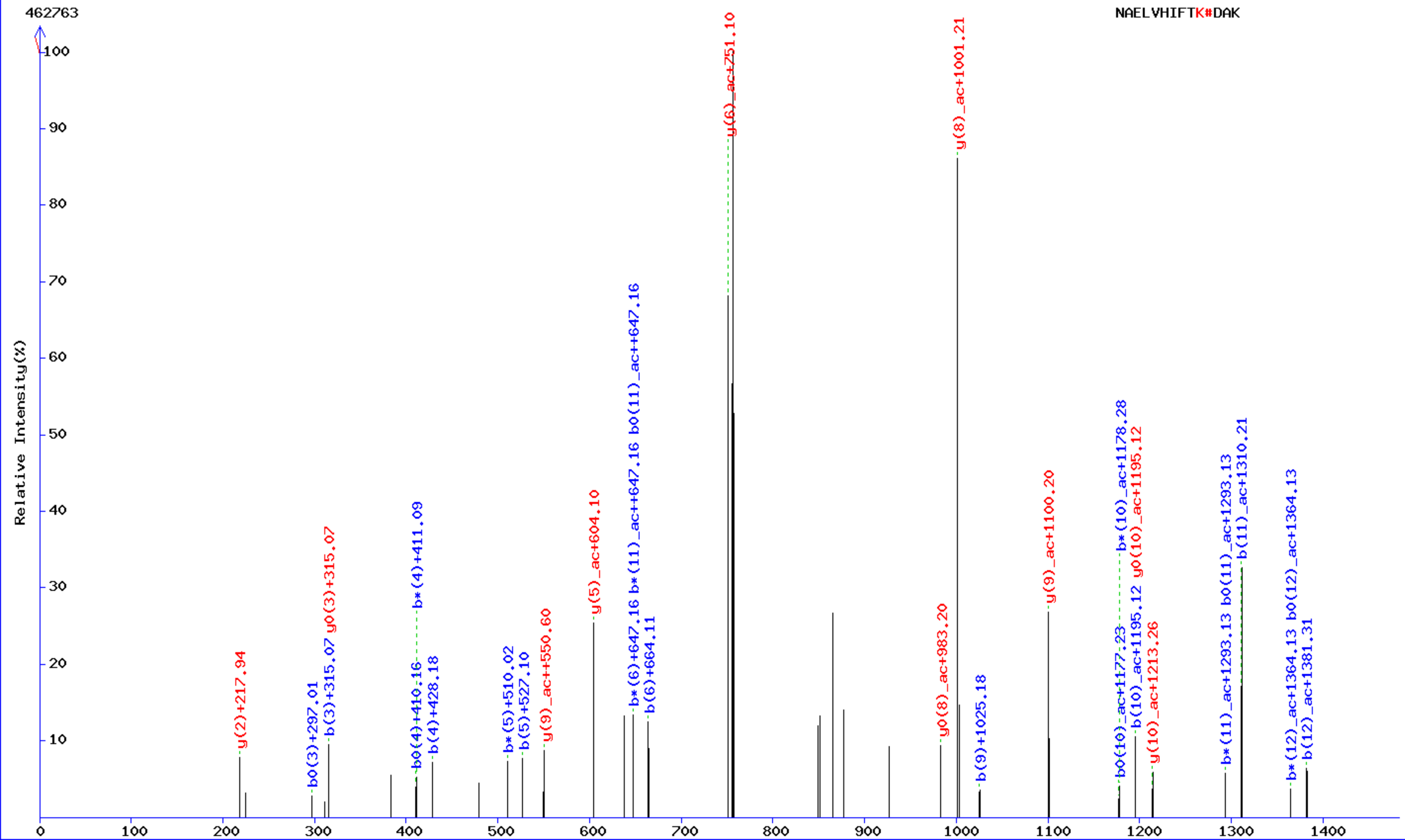






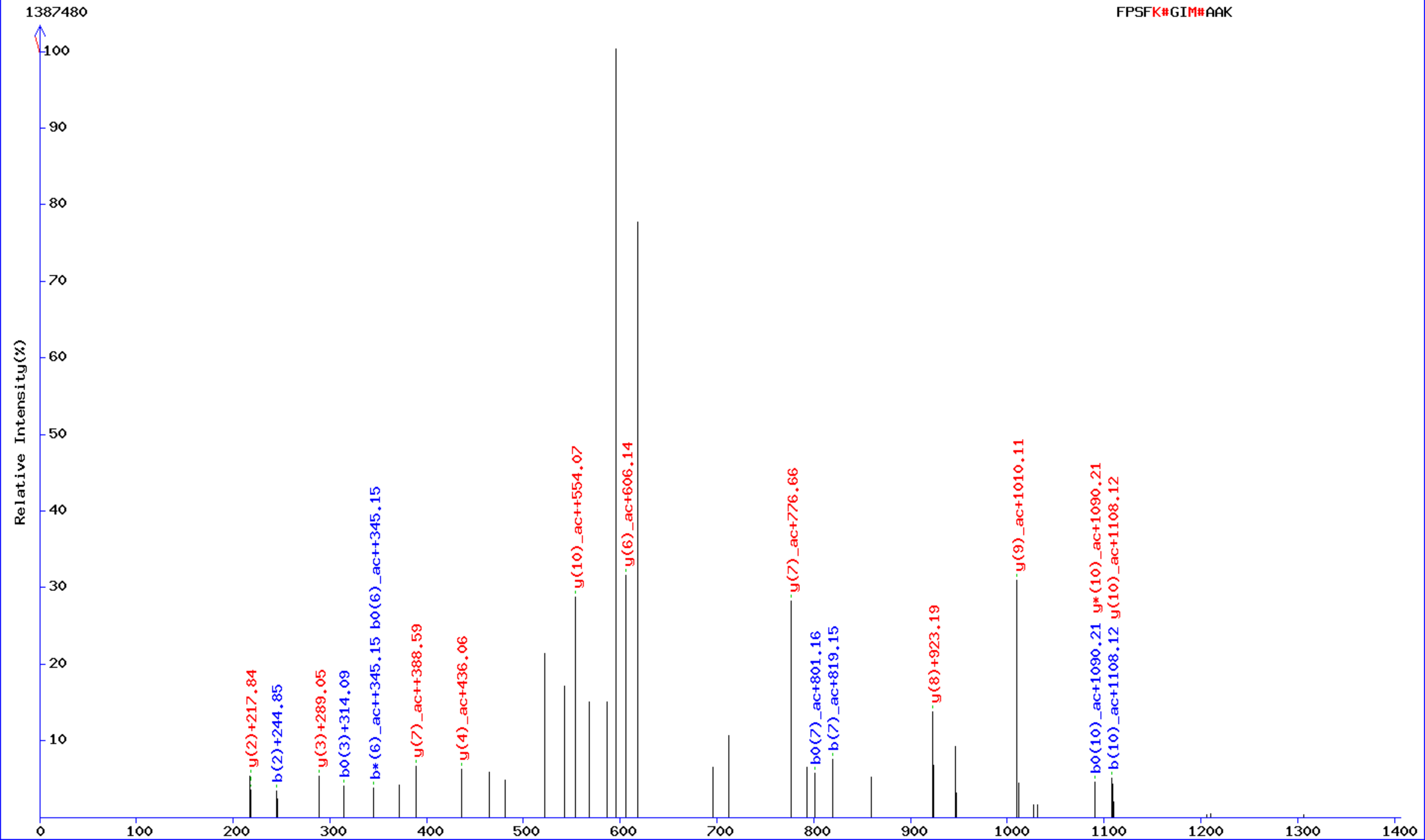


# gi|148660228 MRA\_0468 dihydrolipoamide dehydrogenase

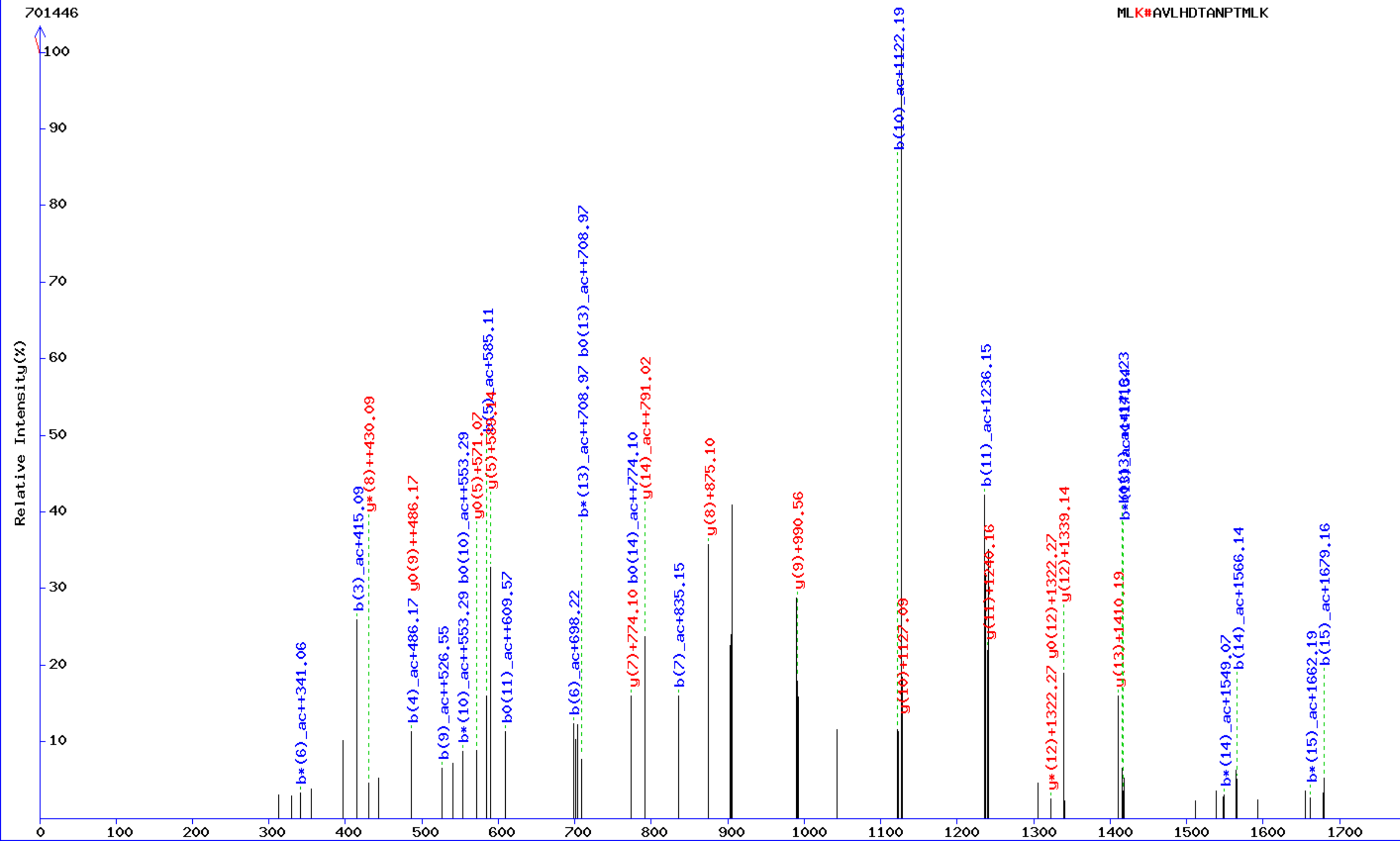


# gi|148662881 MRA\_3060 electron transfer flavoprotein subunit beta

FPSFK#GIM#AAK

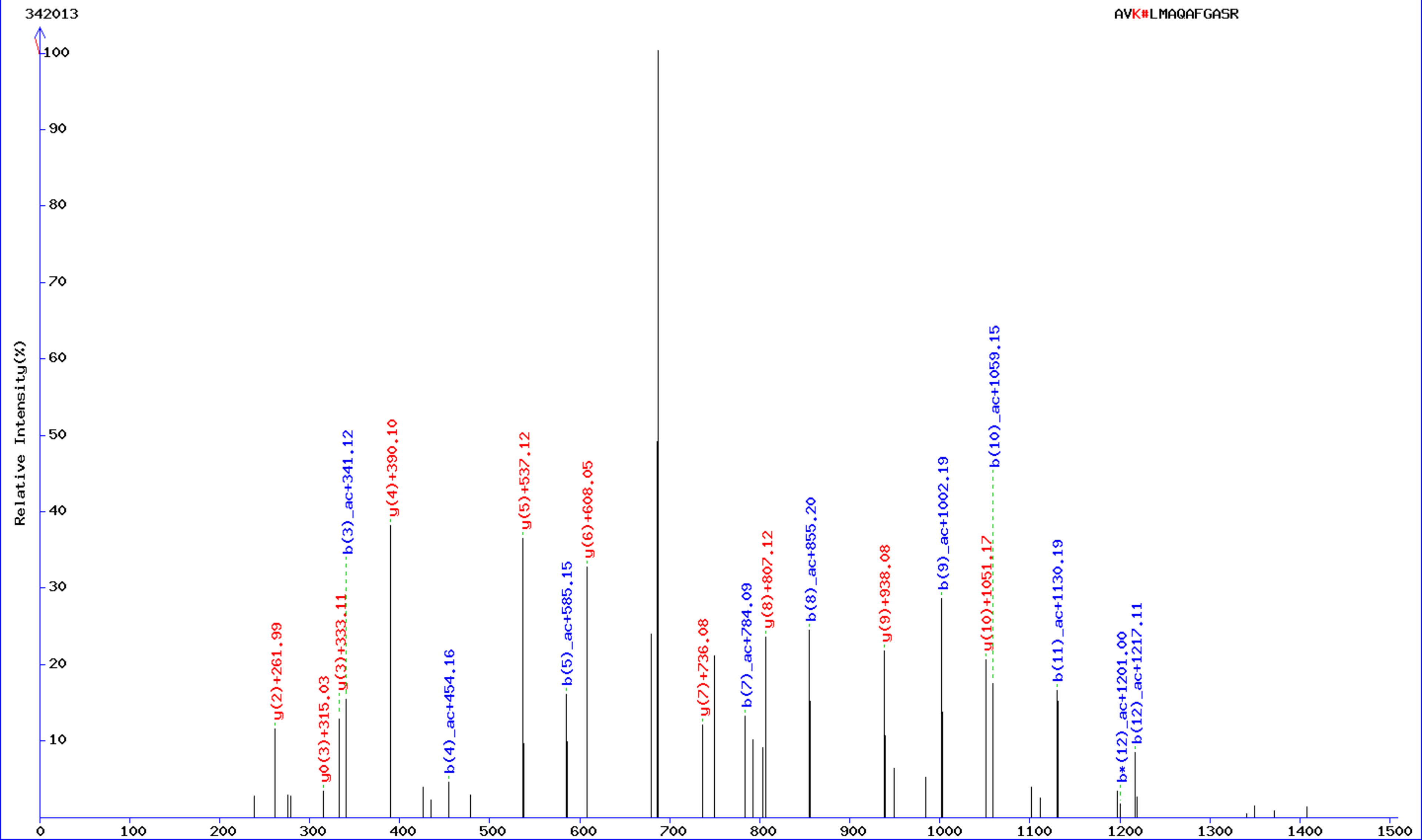


gi|148661956 MRA\_2155 hypothetical protein



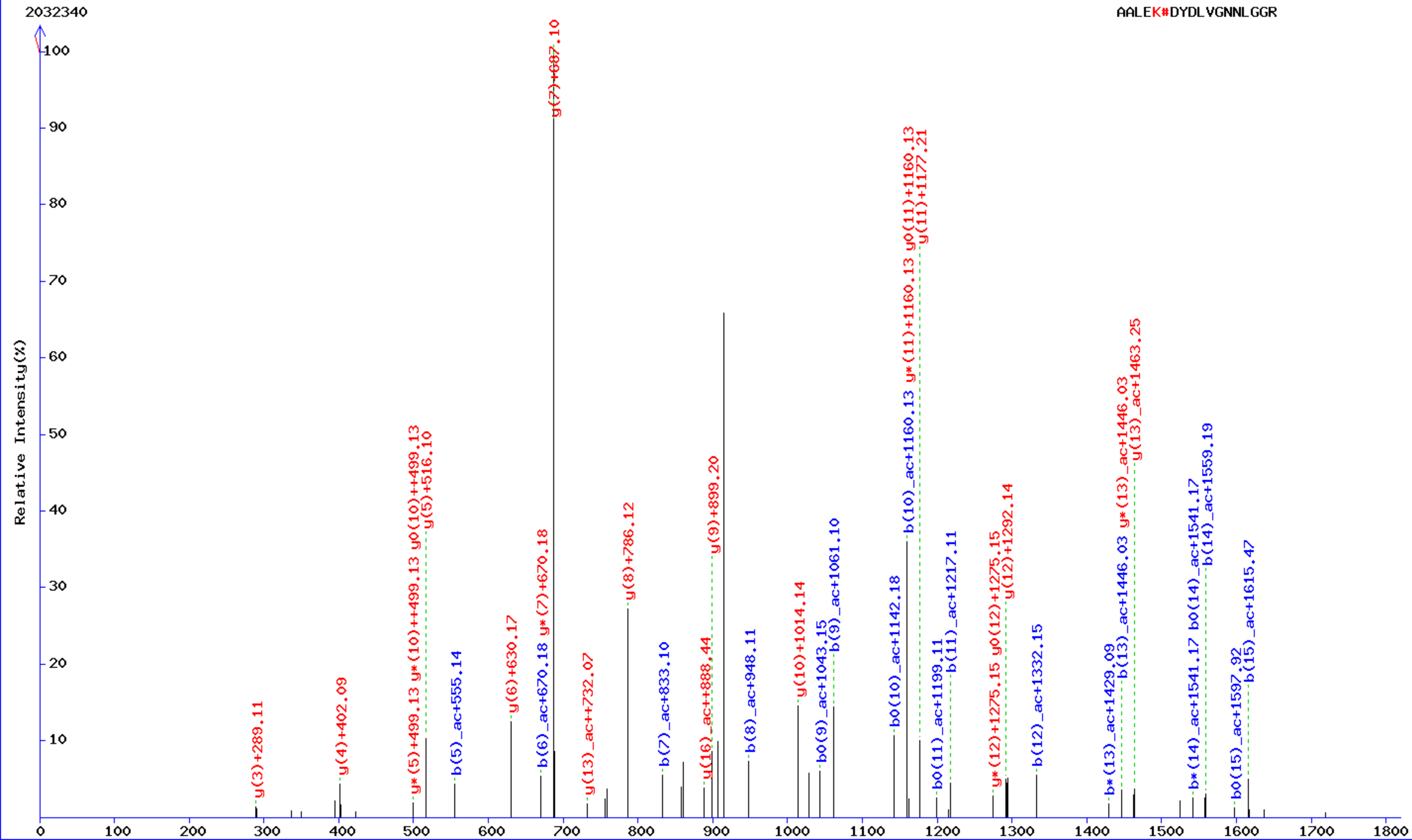
# gi|148662080 MRA\_2279 transcriptional regulatory protein

AVK#LMAQAFGASR

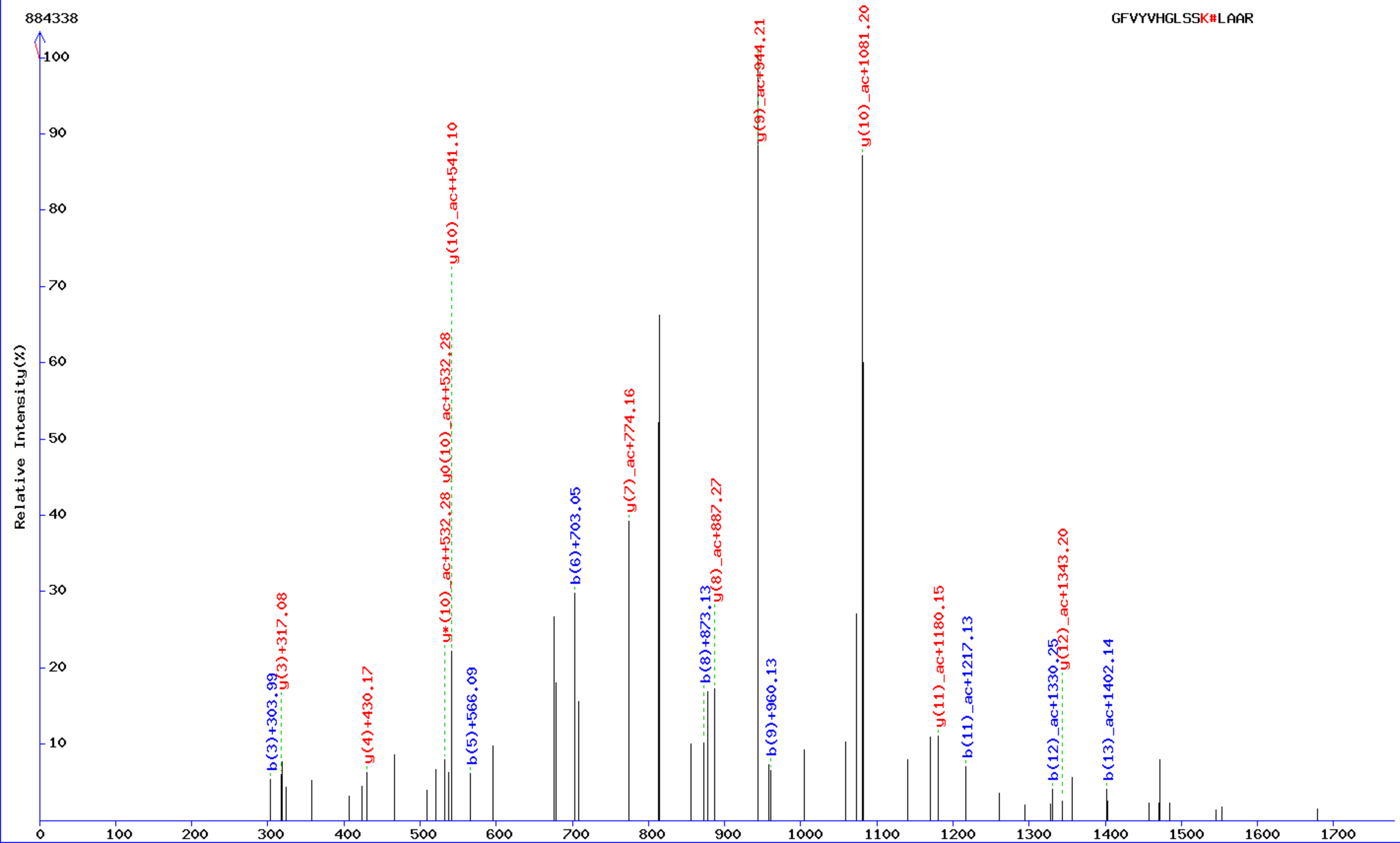


gi|148660007 MRA\_0251 3-ketoacyl-ACP reductase

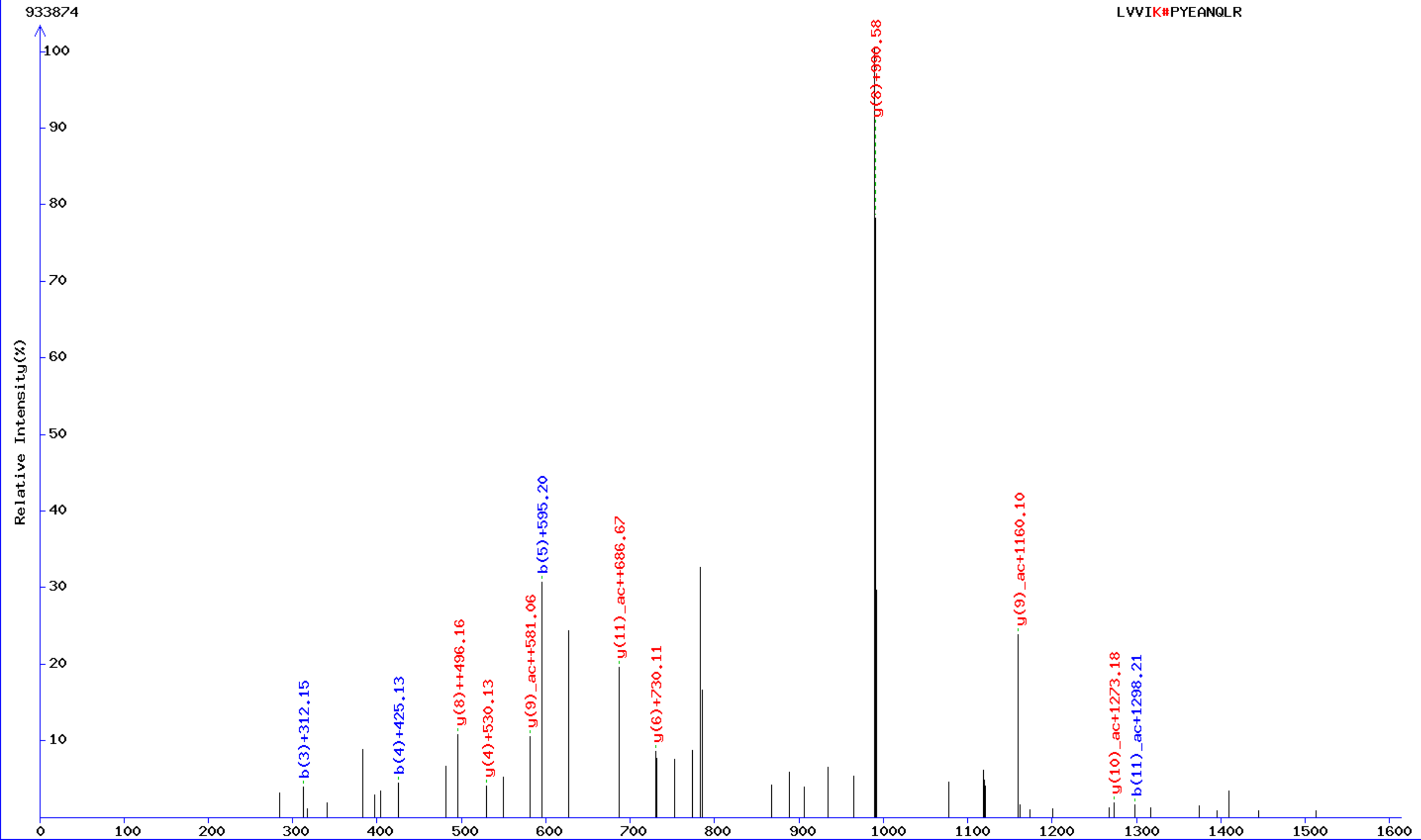
AALEK#DYDLVGNLGR



# gi|148661454 MRA\_1669 argininosuccinate synthase



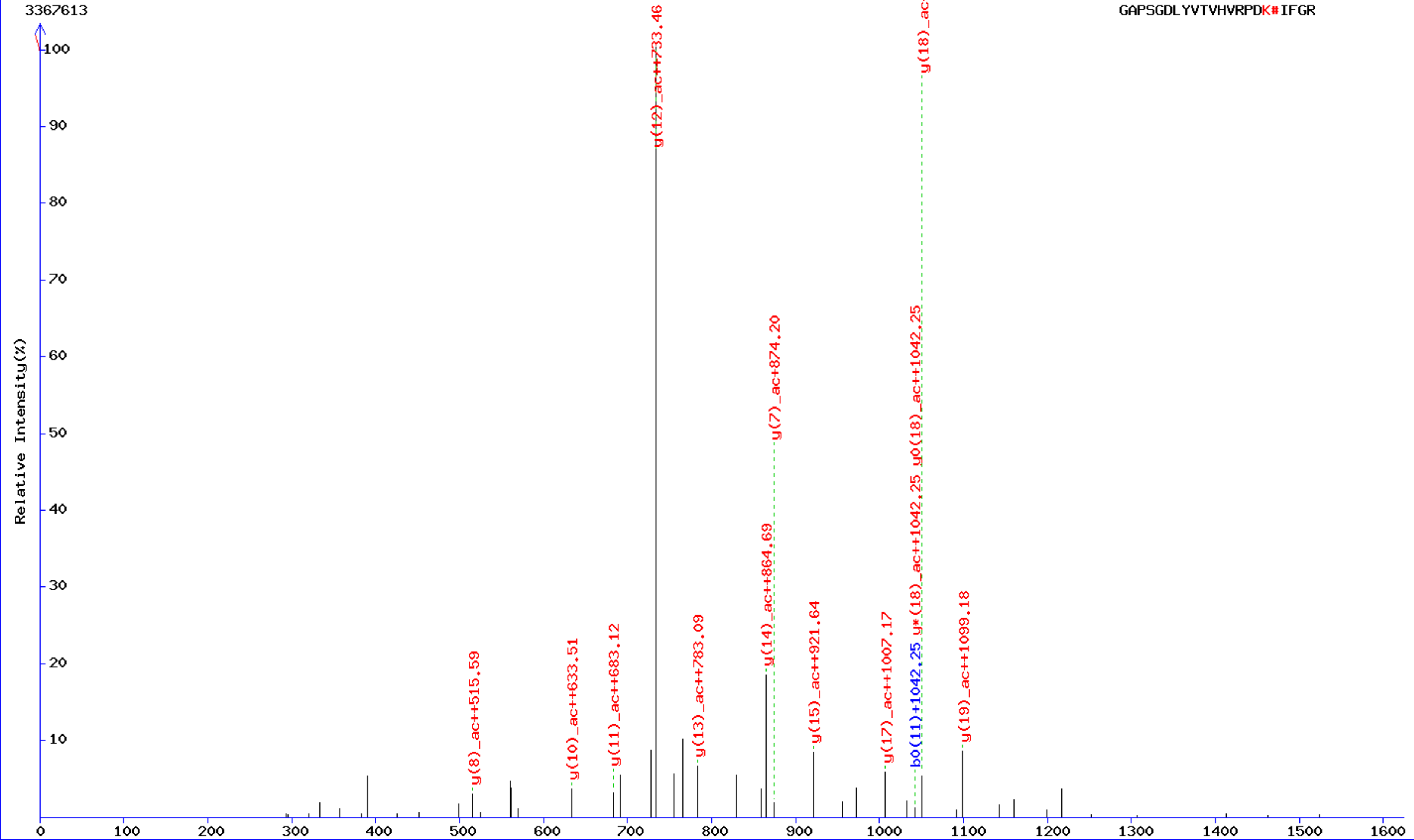
# gi|148662726 MRA\_2907 ribosome recycling factor





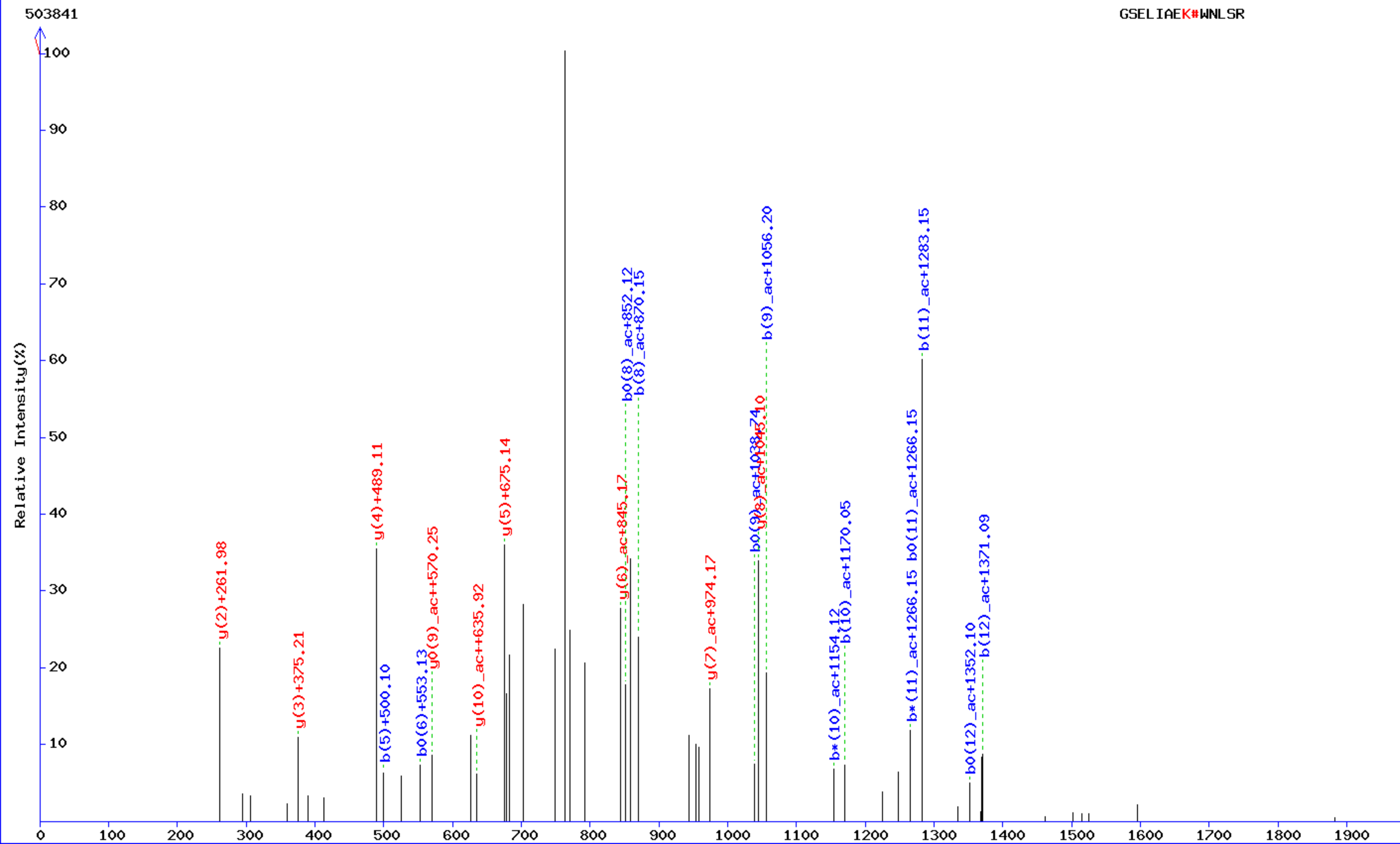
# gi|148660118 MRA\_0361 molecular chaperone DnaJ

GAPSGDL YVTVHVRPDK#IFGR

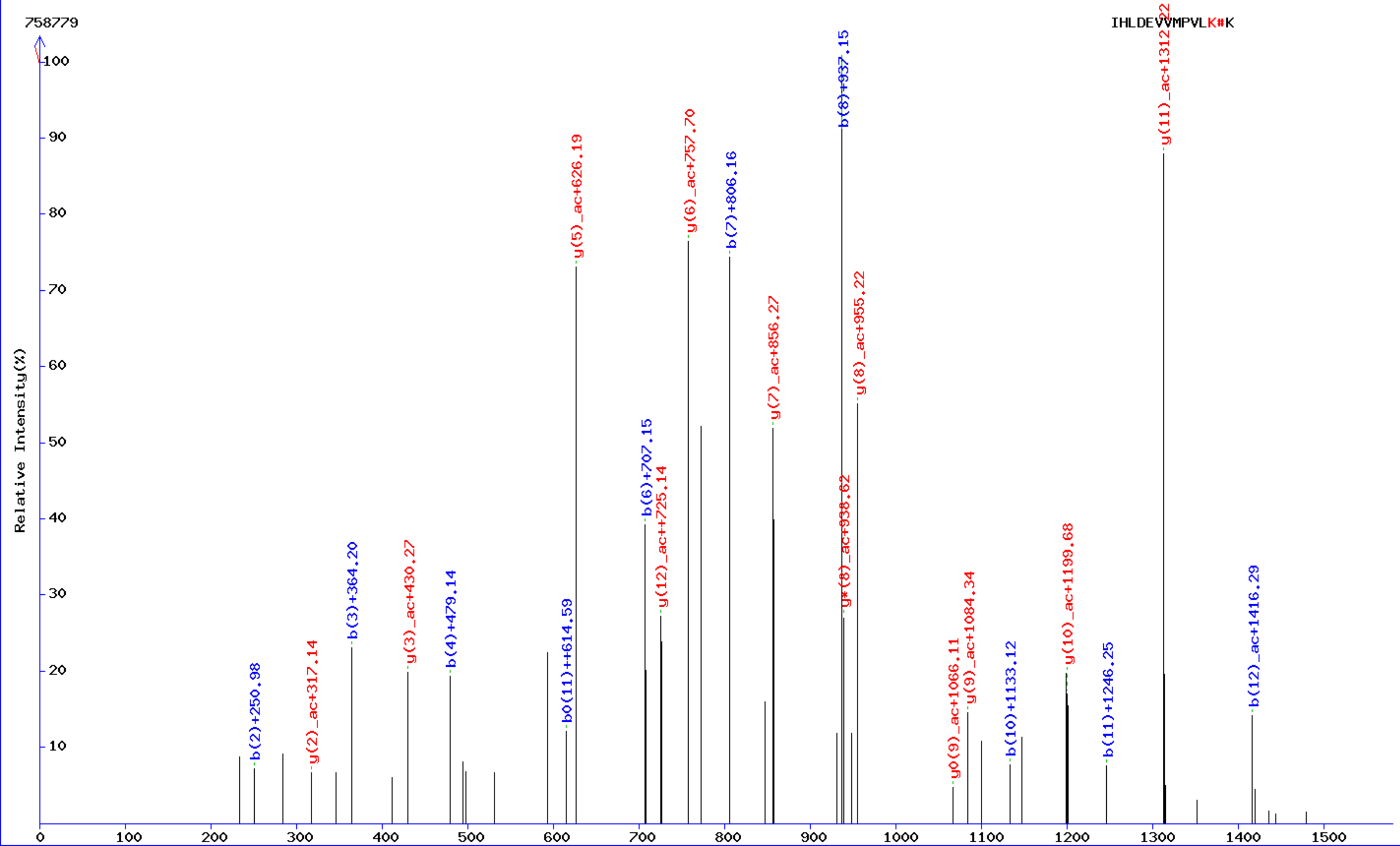


# gi|148663419 MRA\_3595 acetyl-CoA acetyltransferase

GSELI A EK#WNL SR

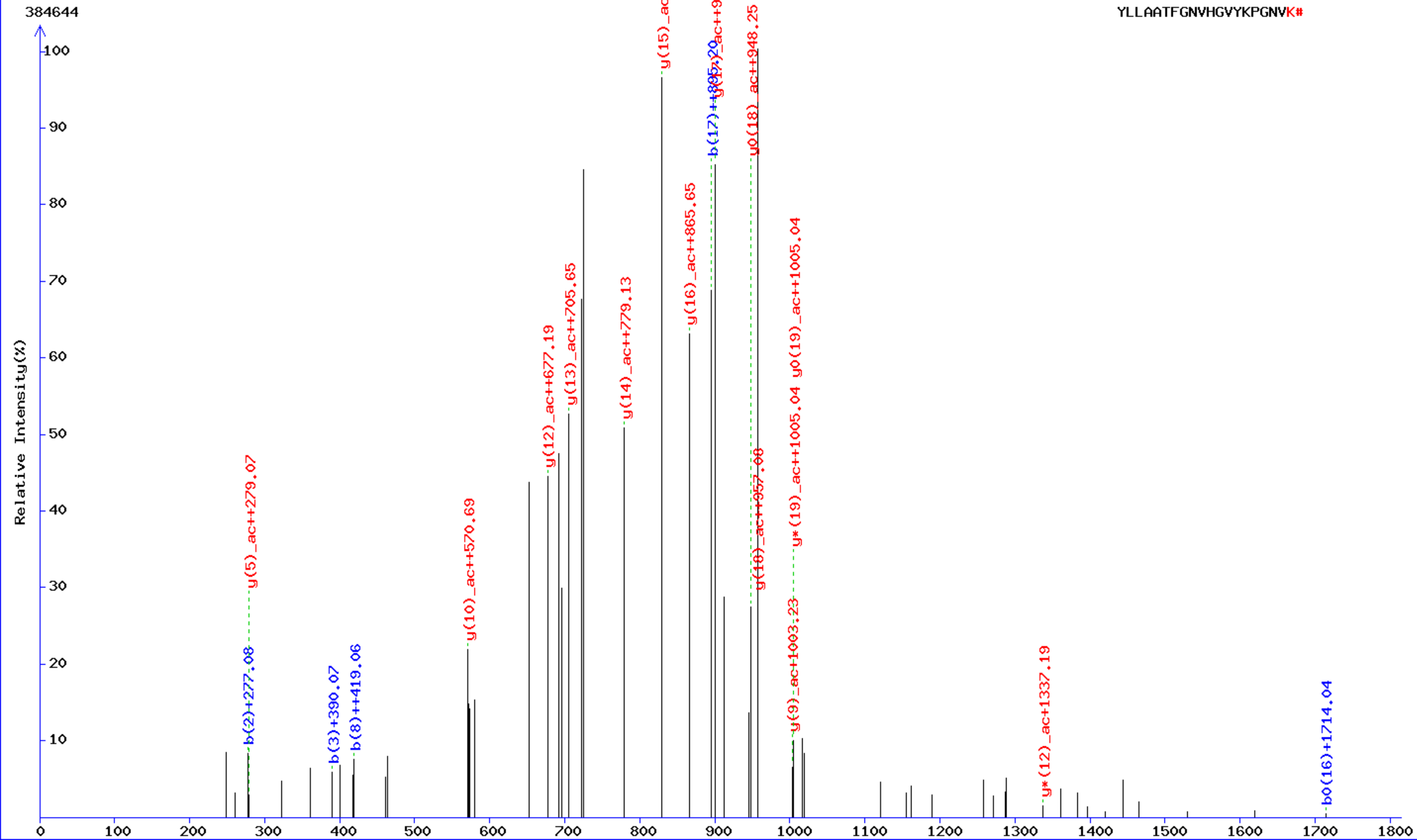


gi|148660602 MRA\_0834 fatty acid desaturase



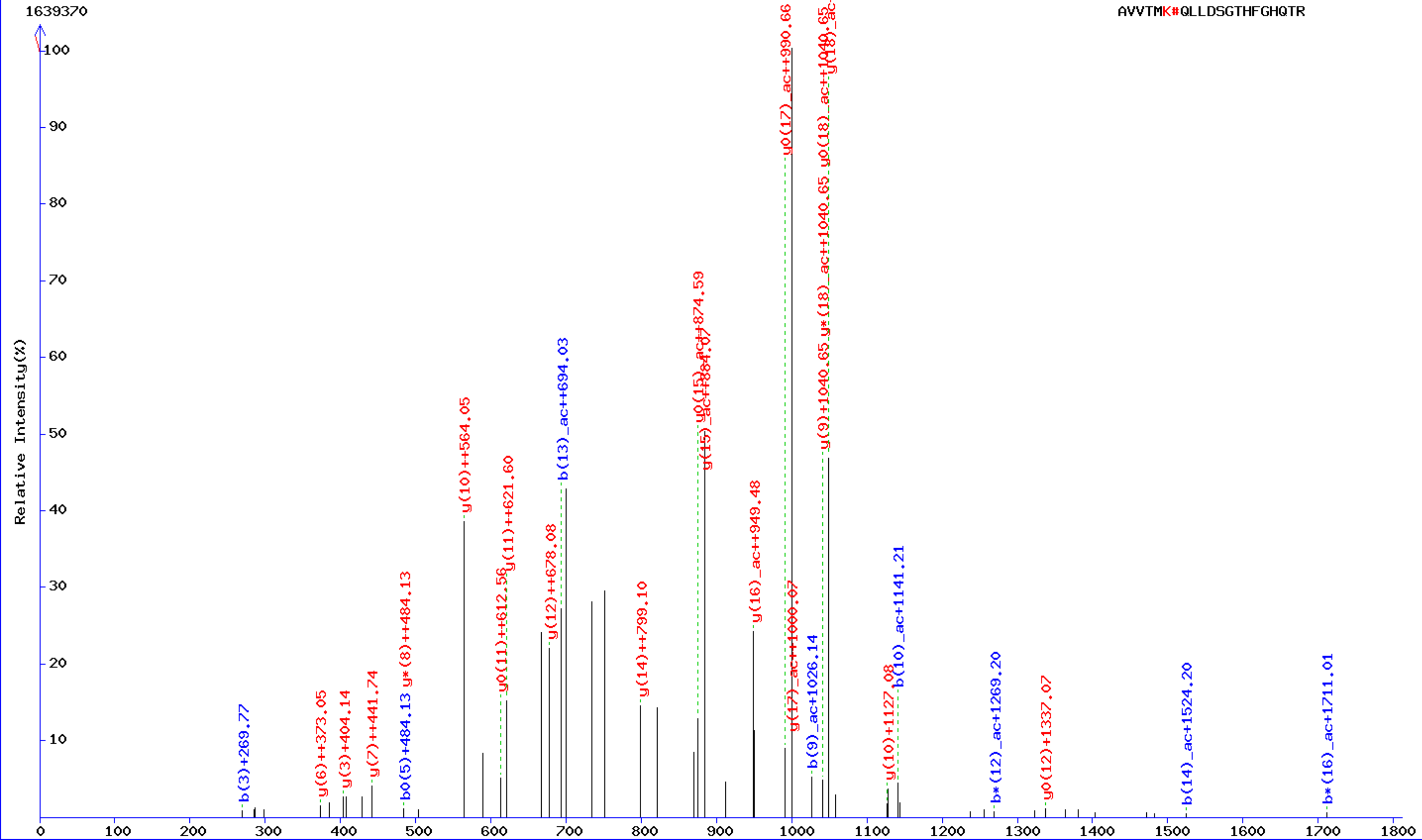
# gi|148660129 MRA\_0372 fructose-bisphosphate aldolase

YLLAATFGNVHGVYKPGNVK#



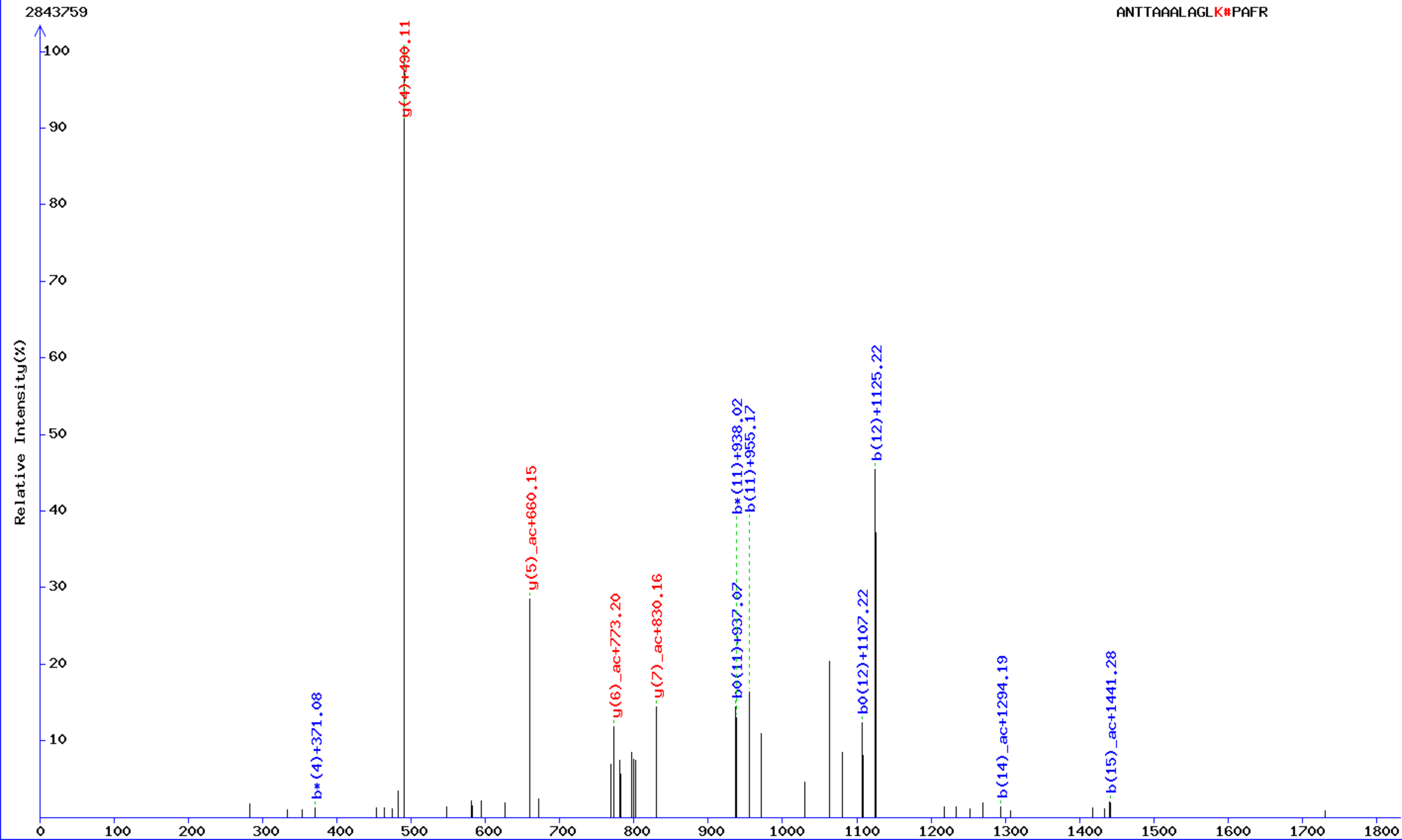
gi|148662734 MRA\_2915 30S ribosomal protein S2

AVVTMK#QLLDSGTHFGHQTR



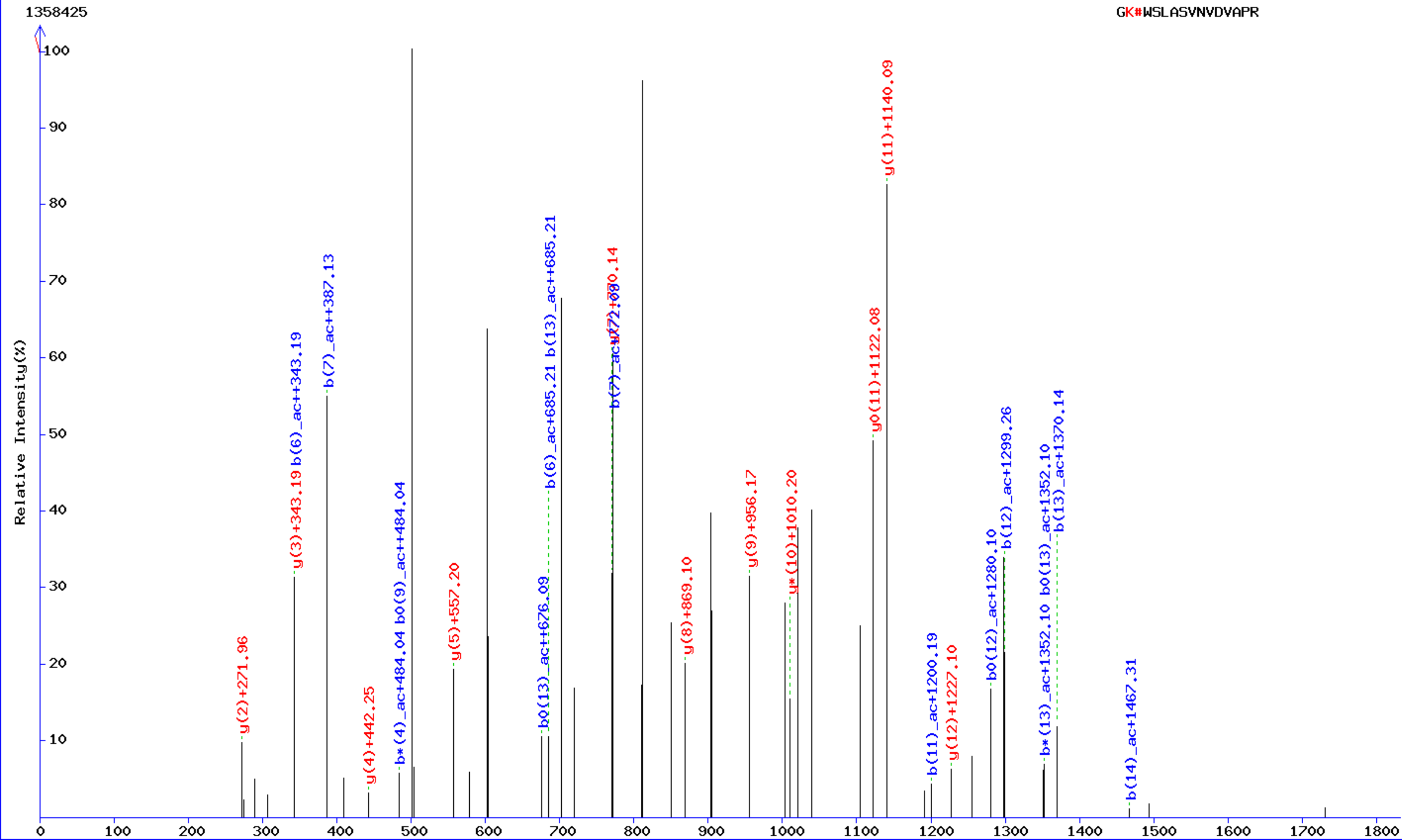
# gi|148661112 MRA\_1331 acetyl-CoA acetyltransferase

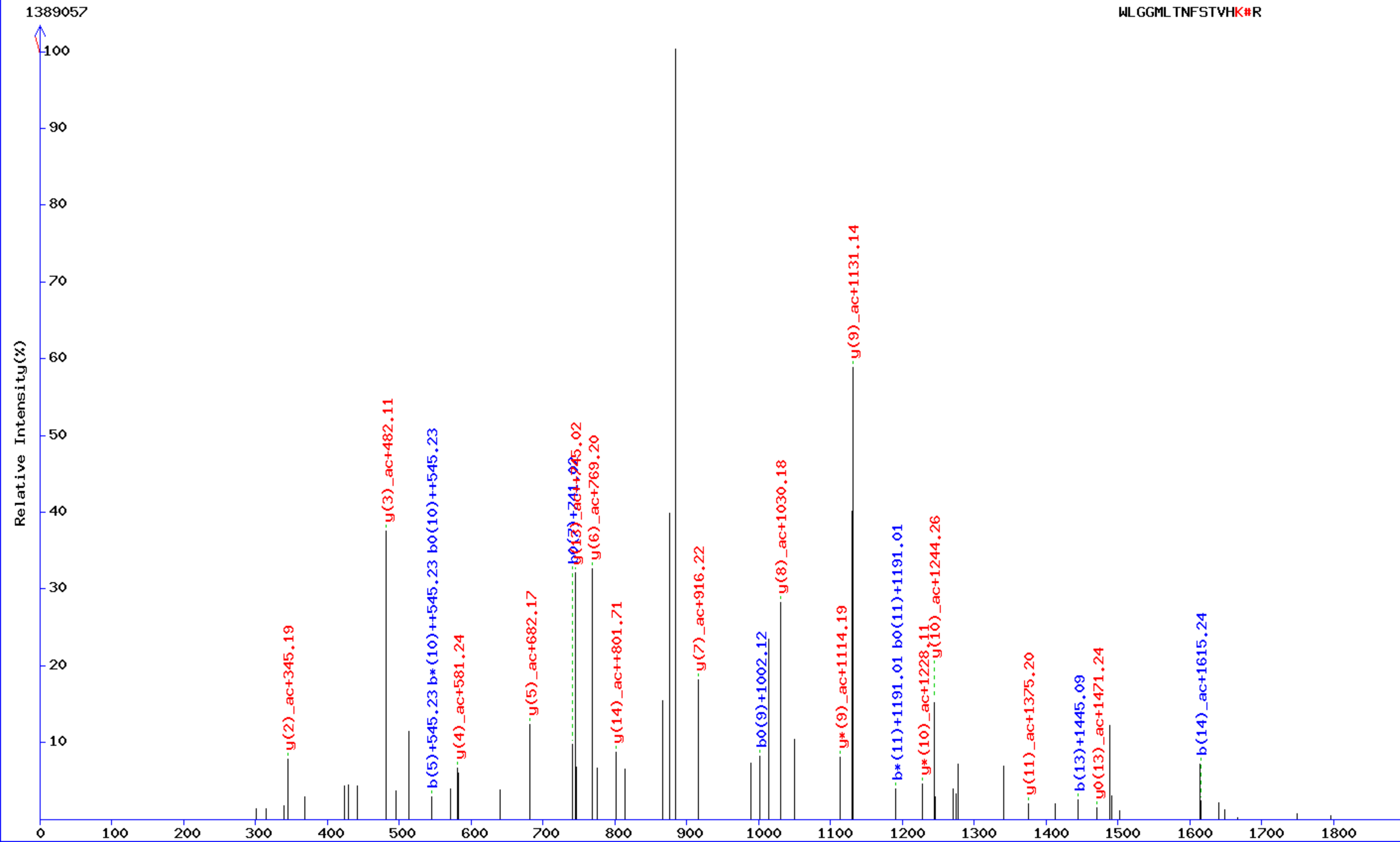
ANTTAAALAGLK#PAFR



# gi|148661113 MRA\_1332 thioredoxin-related protein

GK#WSLASVNVDPVAPR

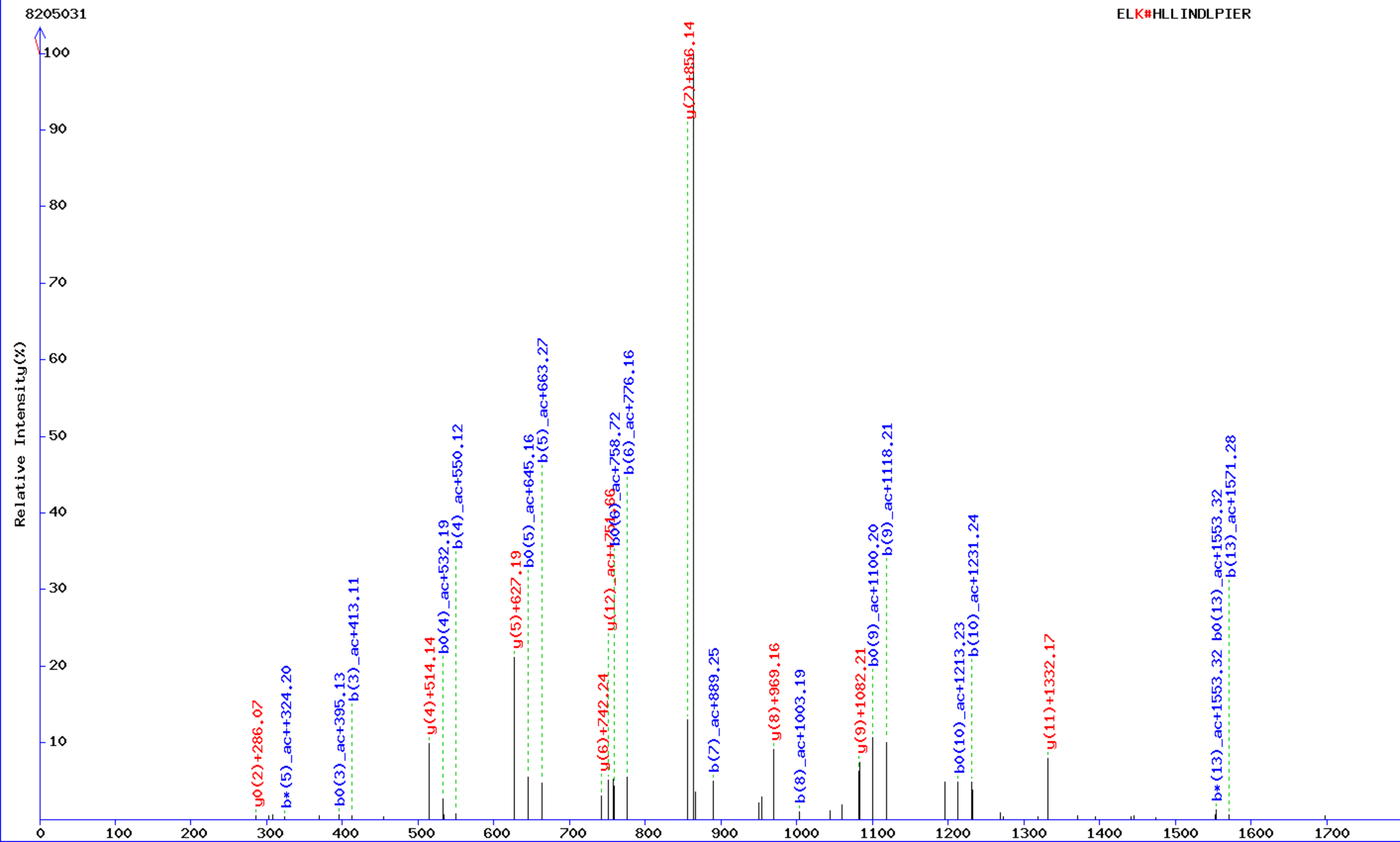


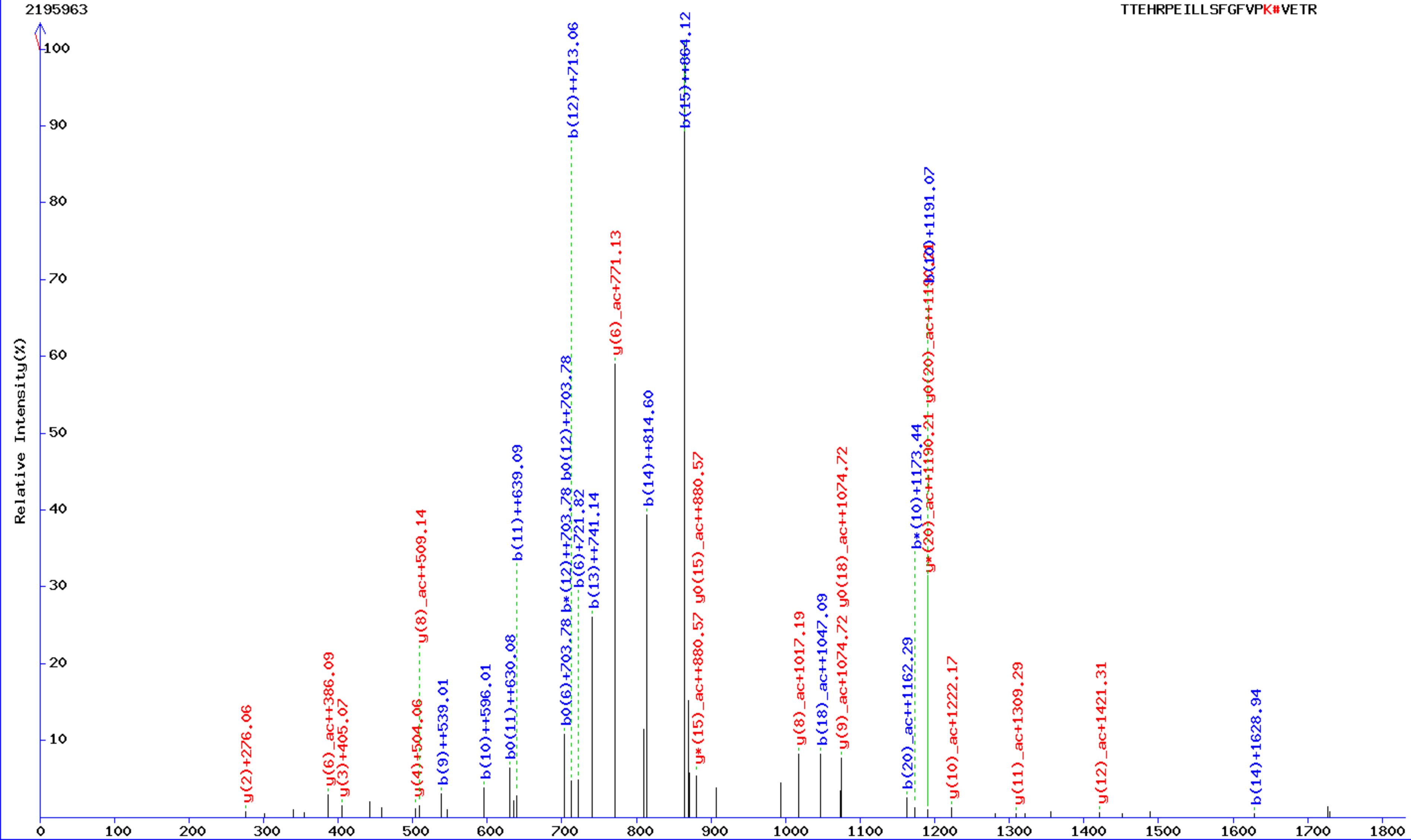




# gi|148660608 MRA\_0840 hypothetical protein

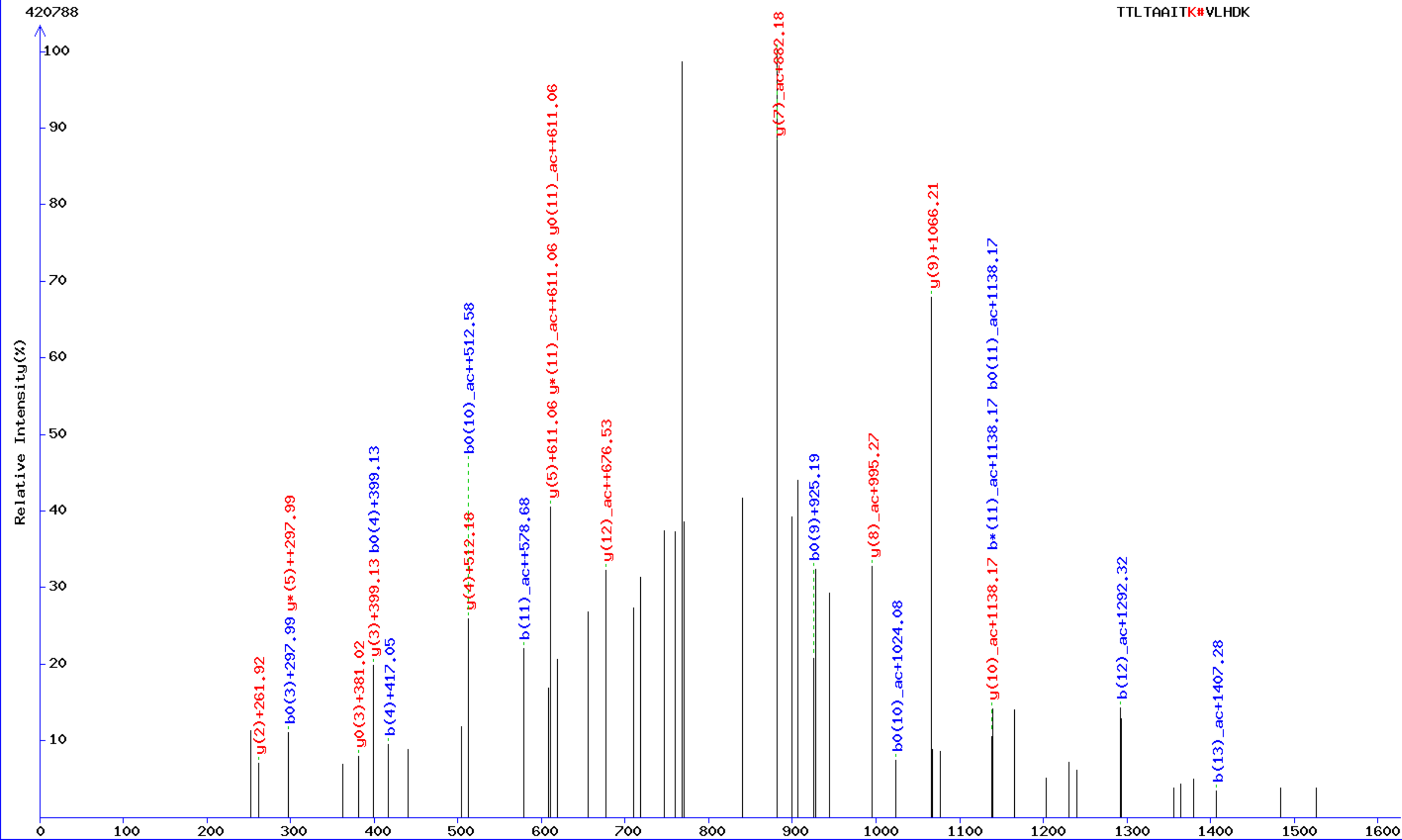
ELK#HLLINDLPIER





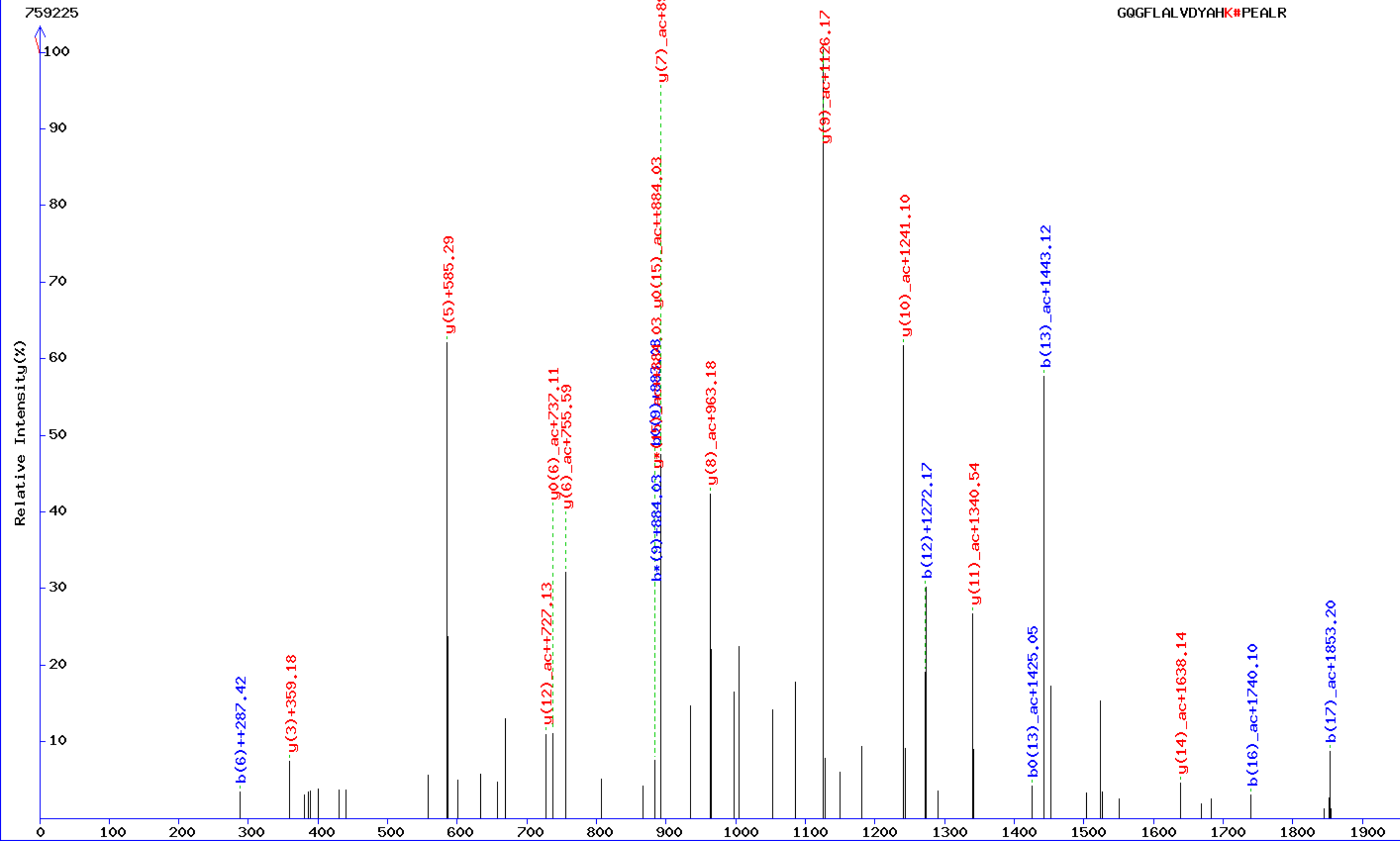
# gi|148660460 MRA\_0694 elongation factor Tu

TTLTAAITK#VLHDK



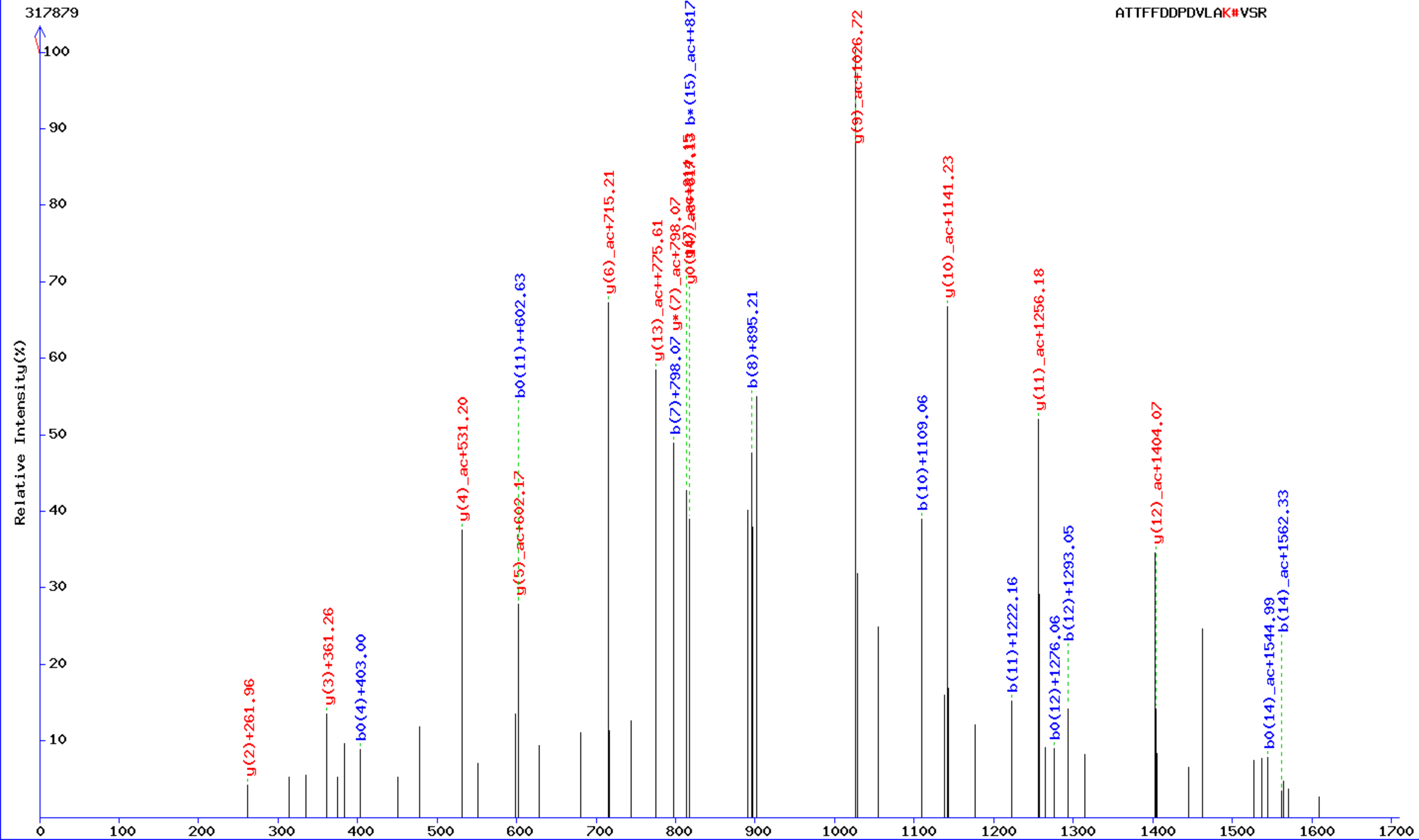
# gi|148661974 MRA\_2173 UDP-N-acetylmuramoylalanyl-D-glutamate--2,6-diaminopimelate ligase

GQGFLALVDYAHK#PEALR



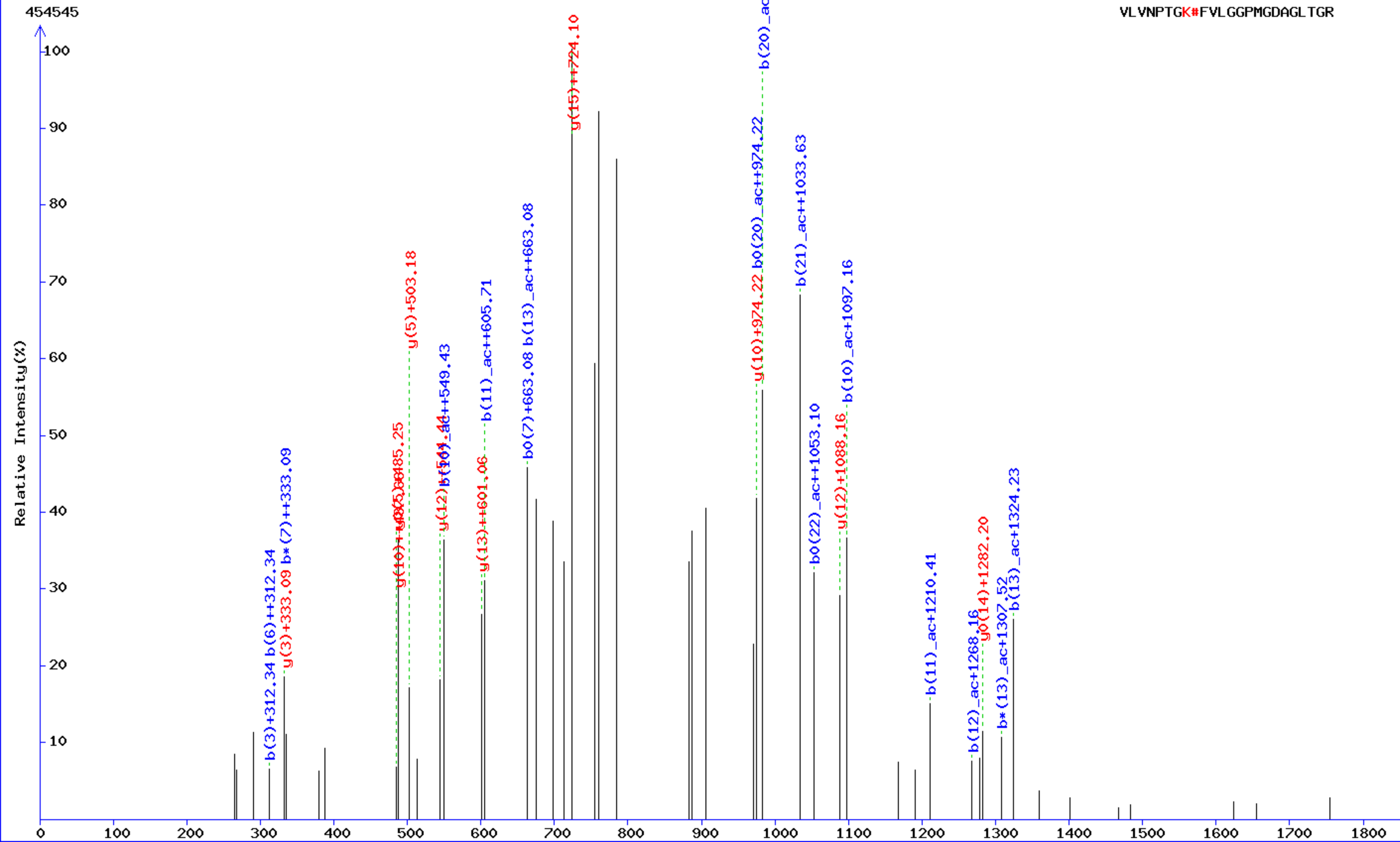
# gi|148662446 MRA\_2634 pyridoxal biosynthesis lyase PdxS

ATTFDDPDVLA#VSR

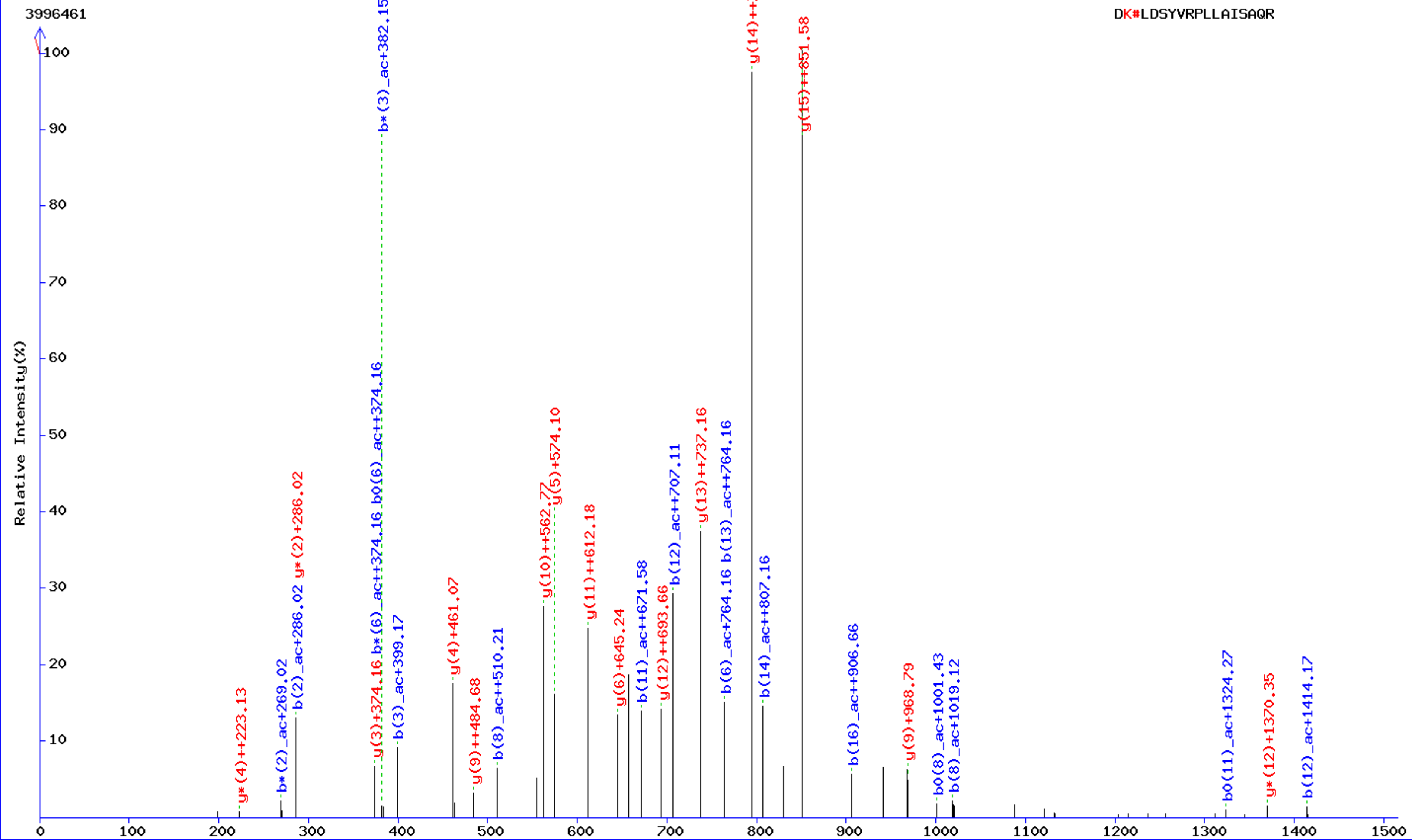


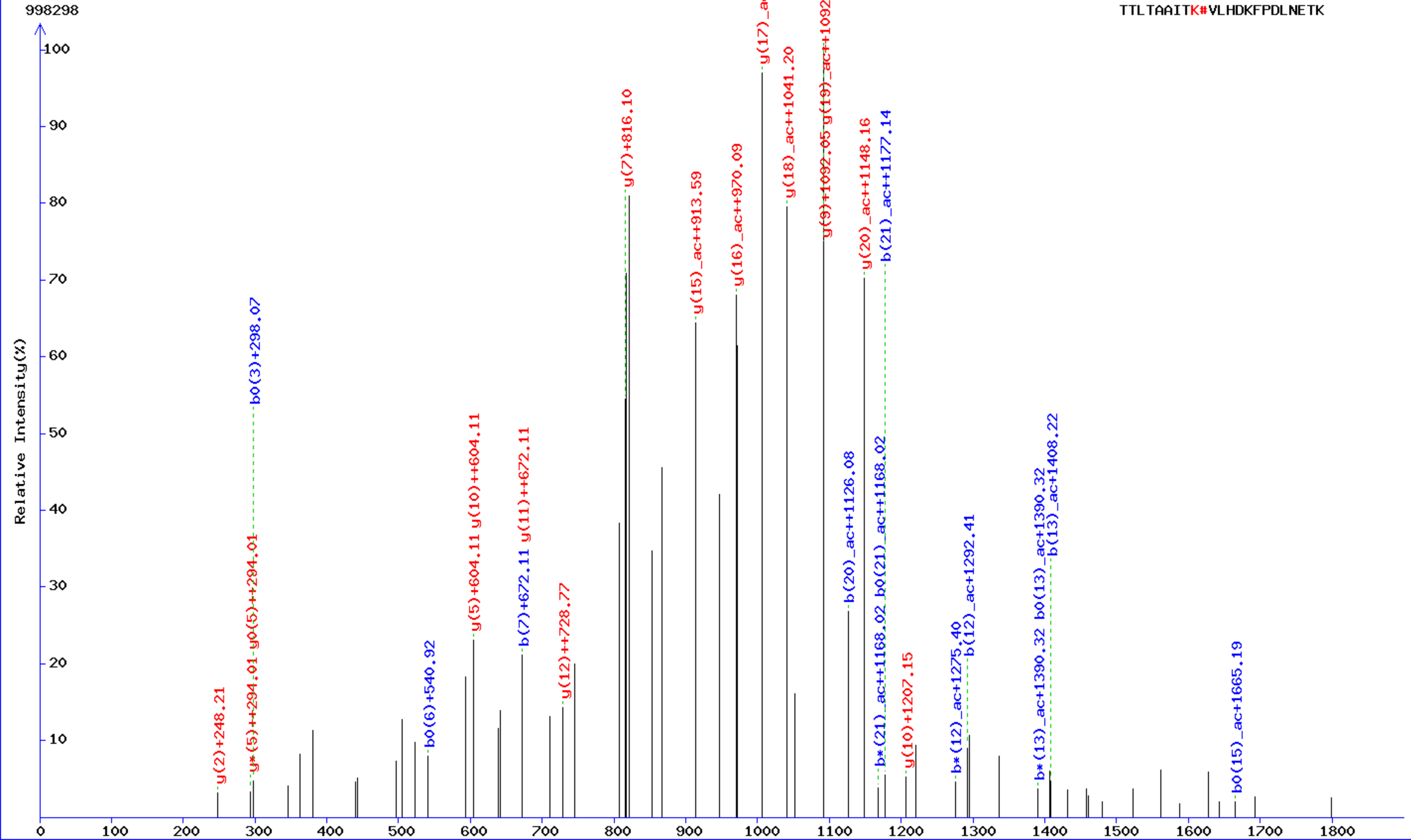
gi|148661183 MRA\_1401 S-adenosylmethionine synthetase

VLVNPTGK#FVLGGPMGDAGLTGR



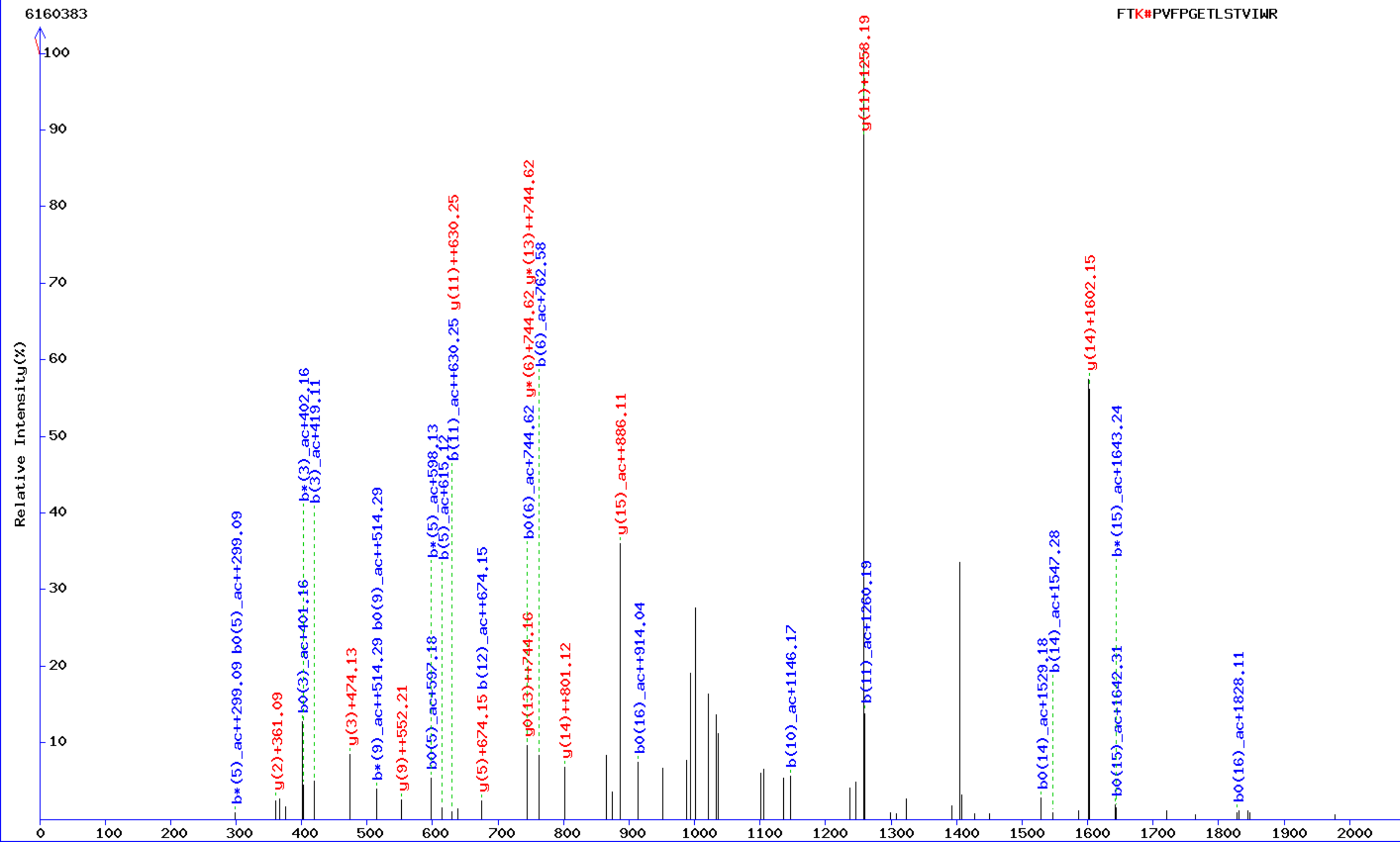
## gi|148660129 MRA\_0372 fructose-bisphosphate aldolase

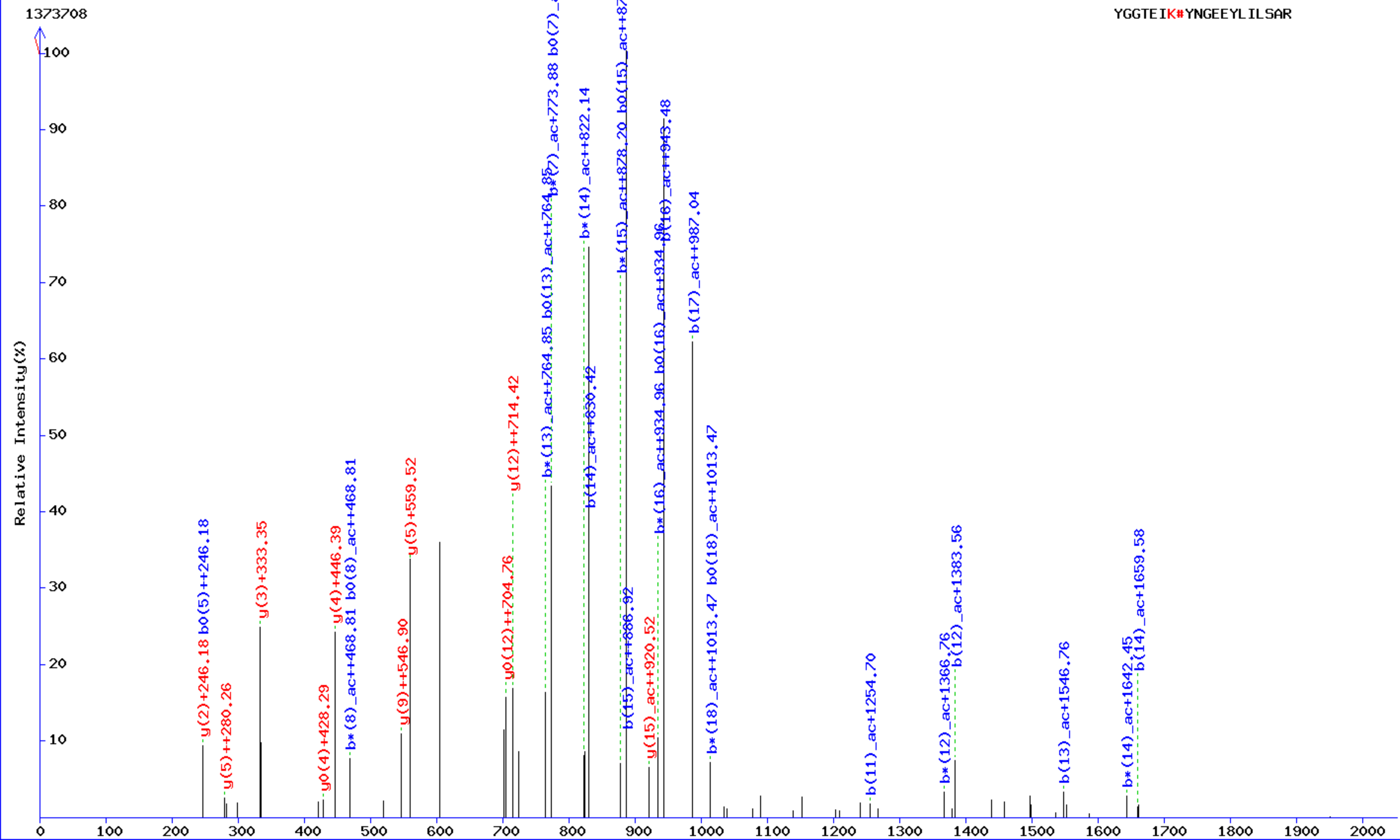






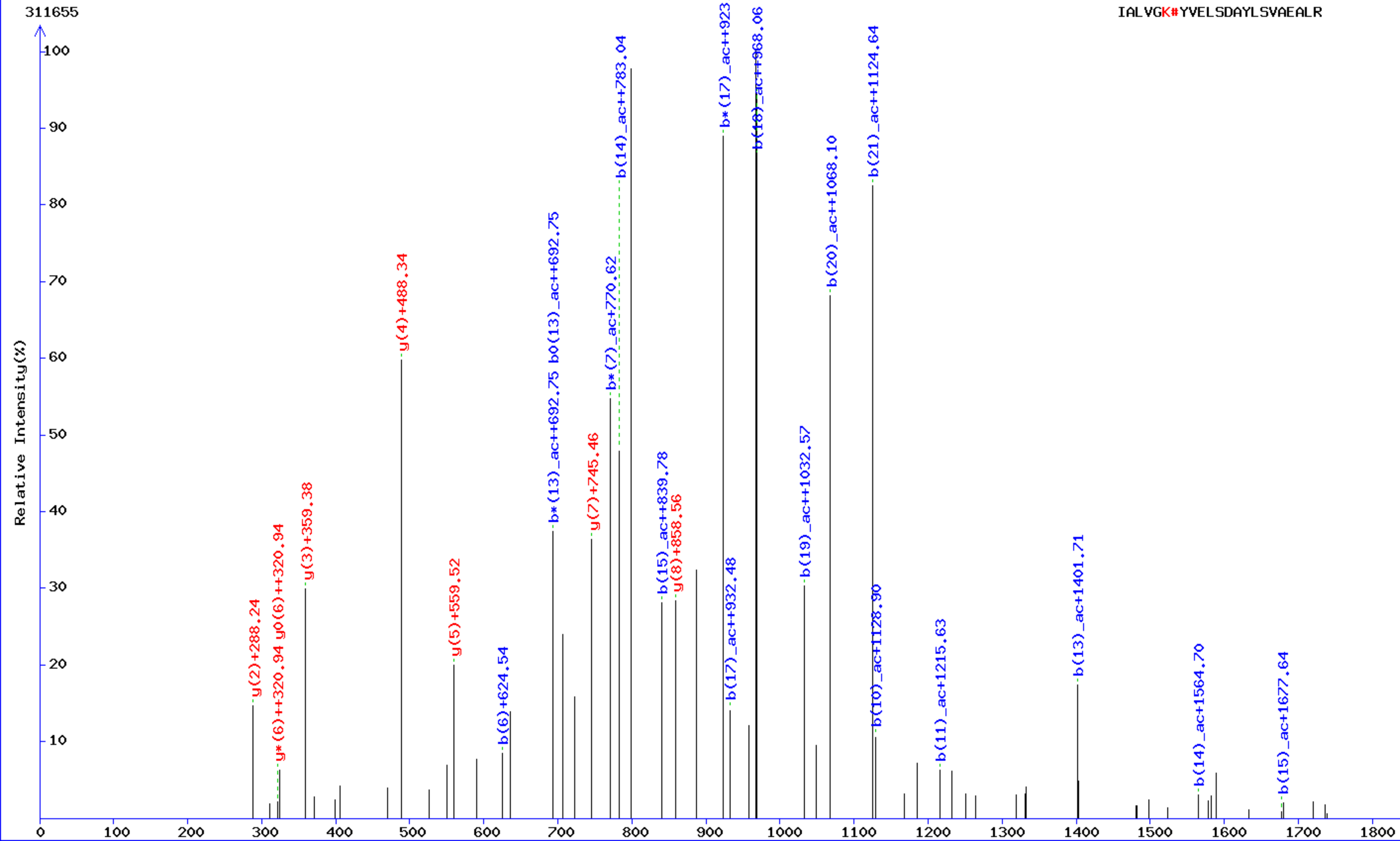
# gi|148663251 MRA\_3428A hypothetical protein





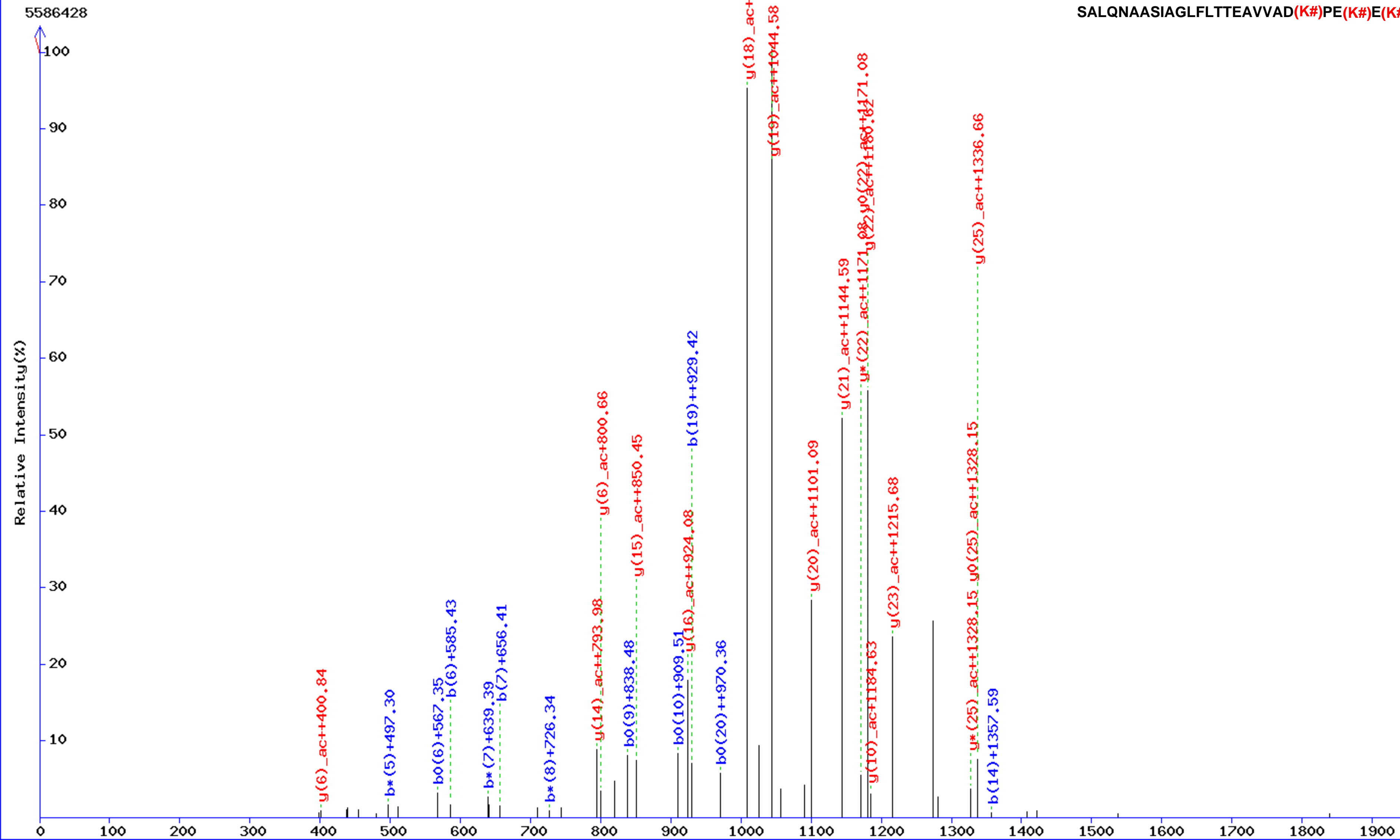
# gi|148661496 MRA\_1708 CTP synthetase

IALVGK#YVELSDAYLSVAEALR



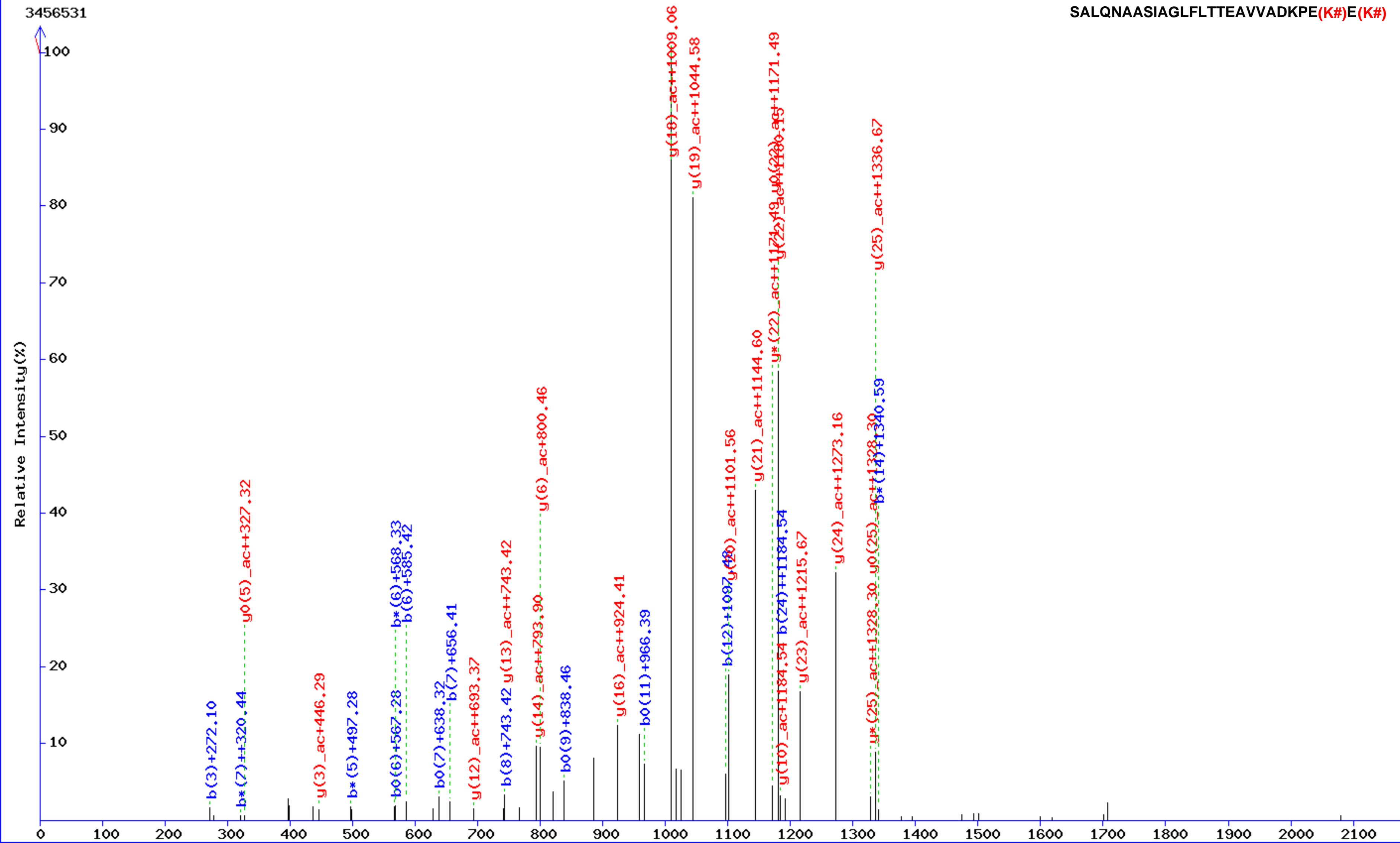
# gi|148660205 MRA\_0445 molecular chaperone GroEL

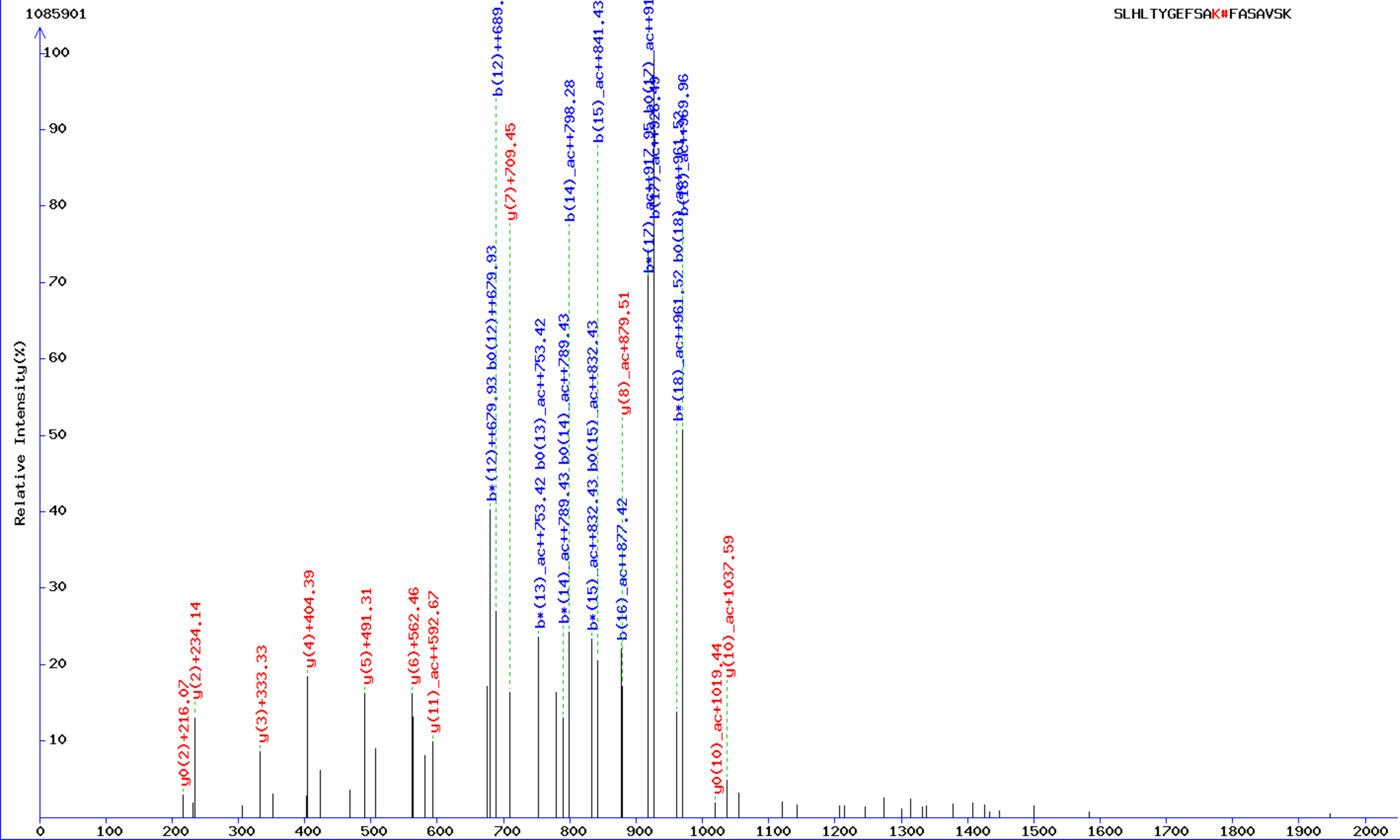
SALQNAASIAGLFLTTEAVVAD(K#)PE(K#)E(K#)



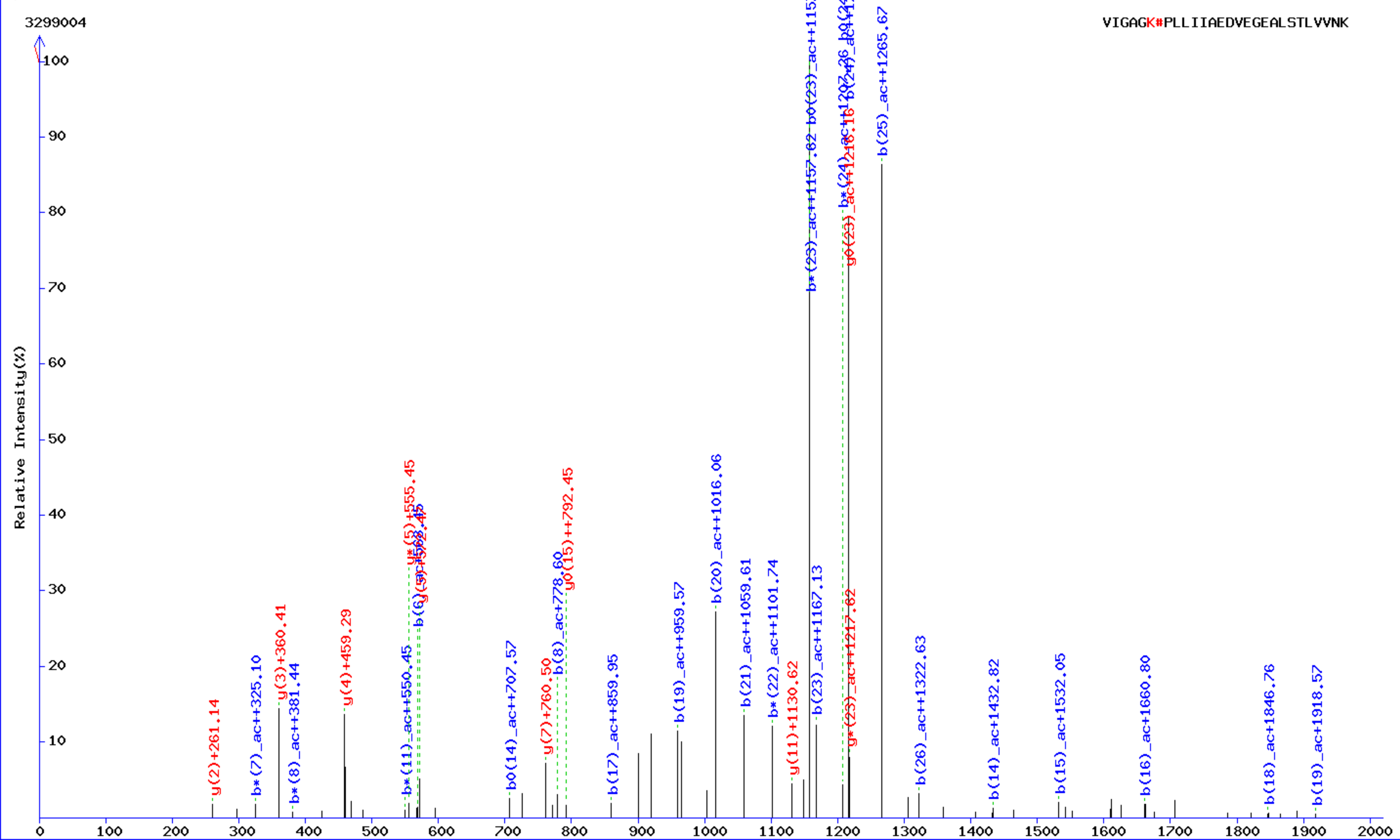
# gi|148660205 MRA\_0445 molecular chaperone GroEL

SALQNAASIAGLFLTTEAVVADKPE(K#)E(K#)



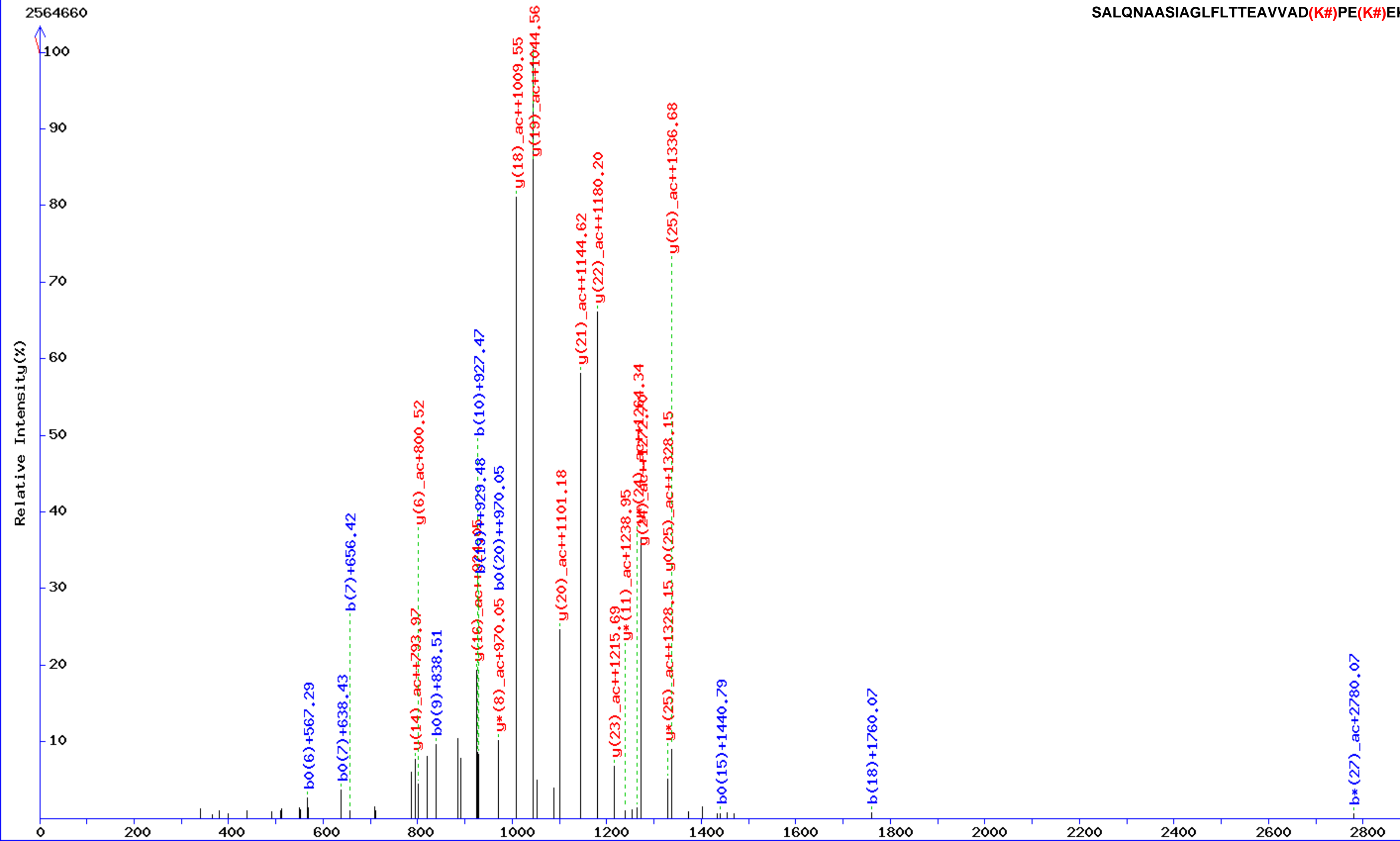


# gi|148660205 MRA\_0445 molecular chaperone GroEL



# gi|148660205 MRA\_0445 molecular chaperone GroEL

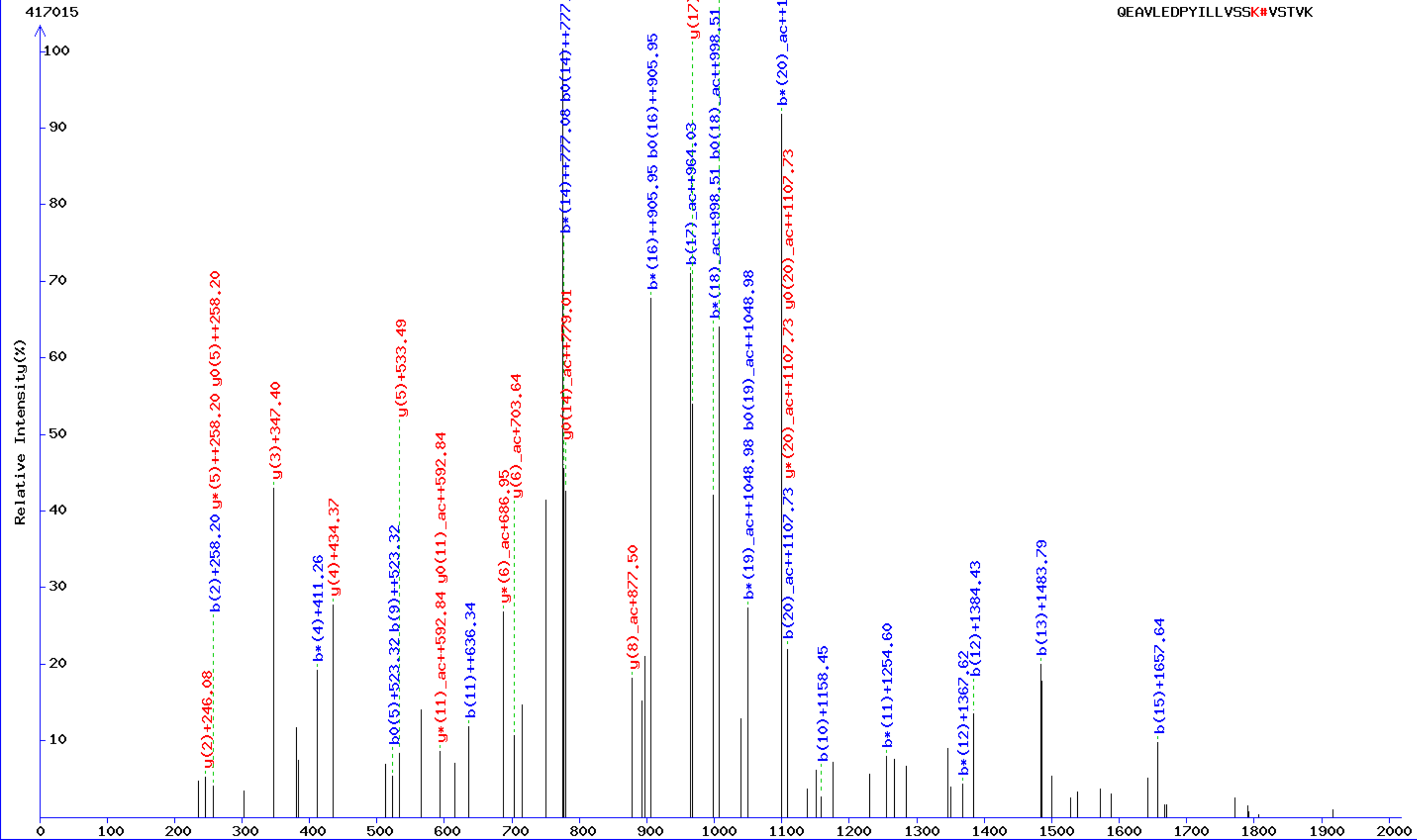
SALQNAASIAGLFLTTEAVVAD(K#)PE(K#)EK





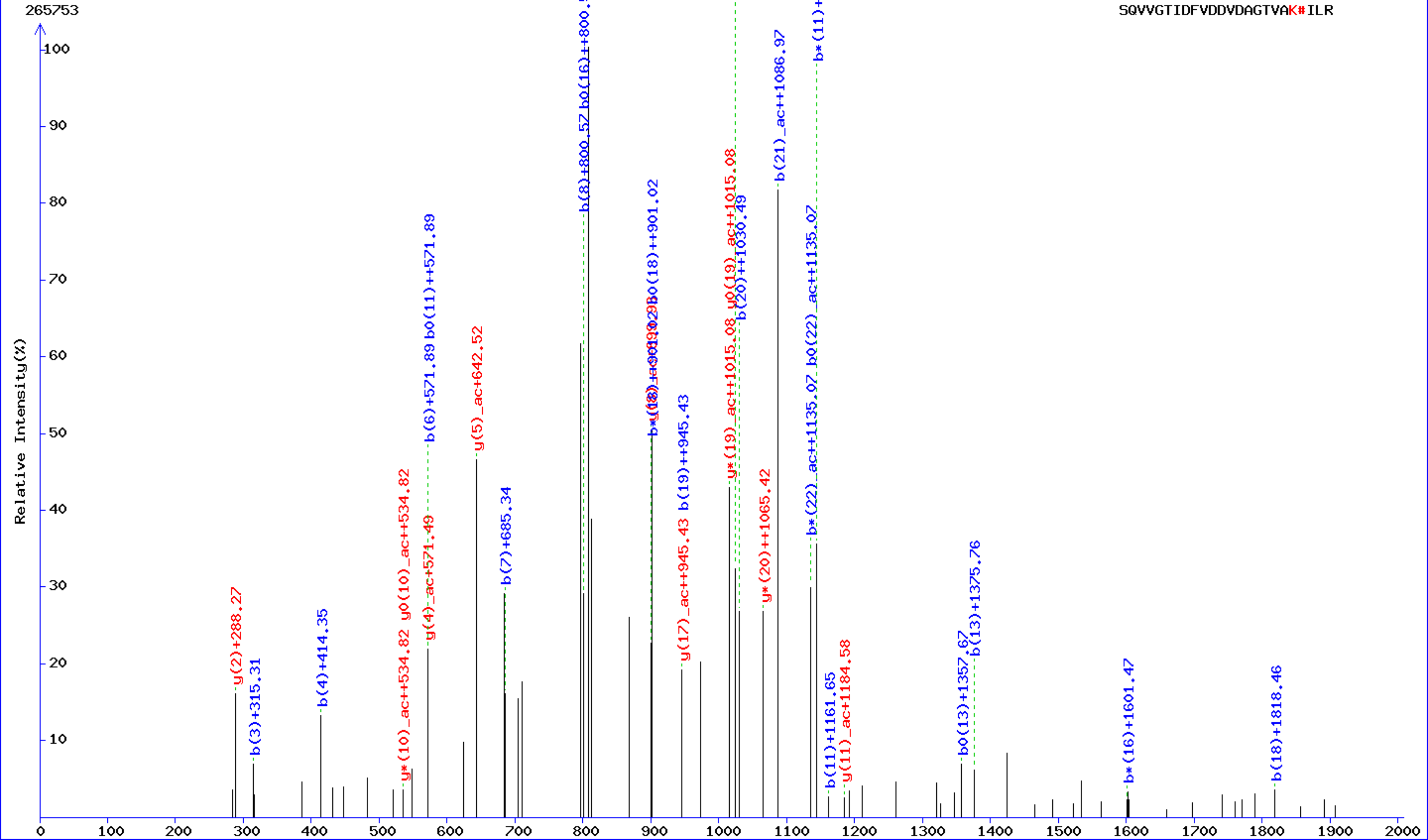
gi|148660205 MRA\_0445 molecular chaperone GroEL

QEAVLEDPYILLVSSK#VSTVK



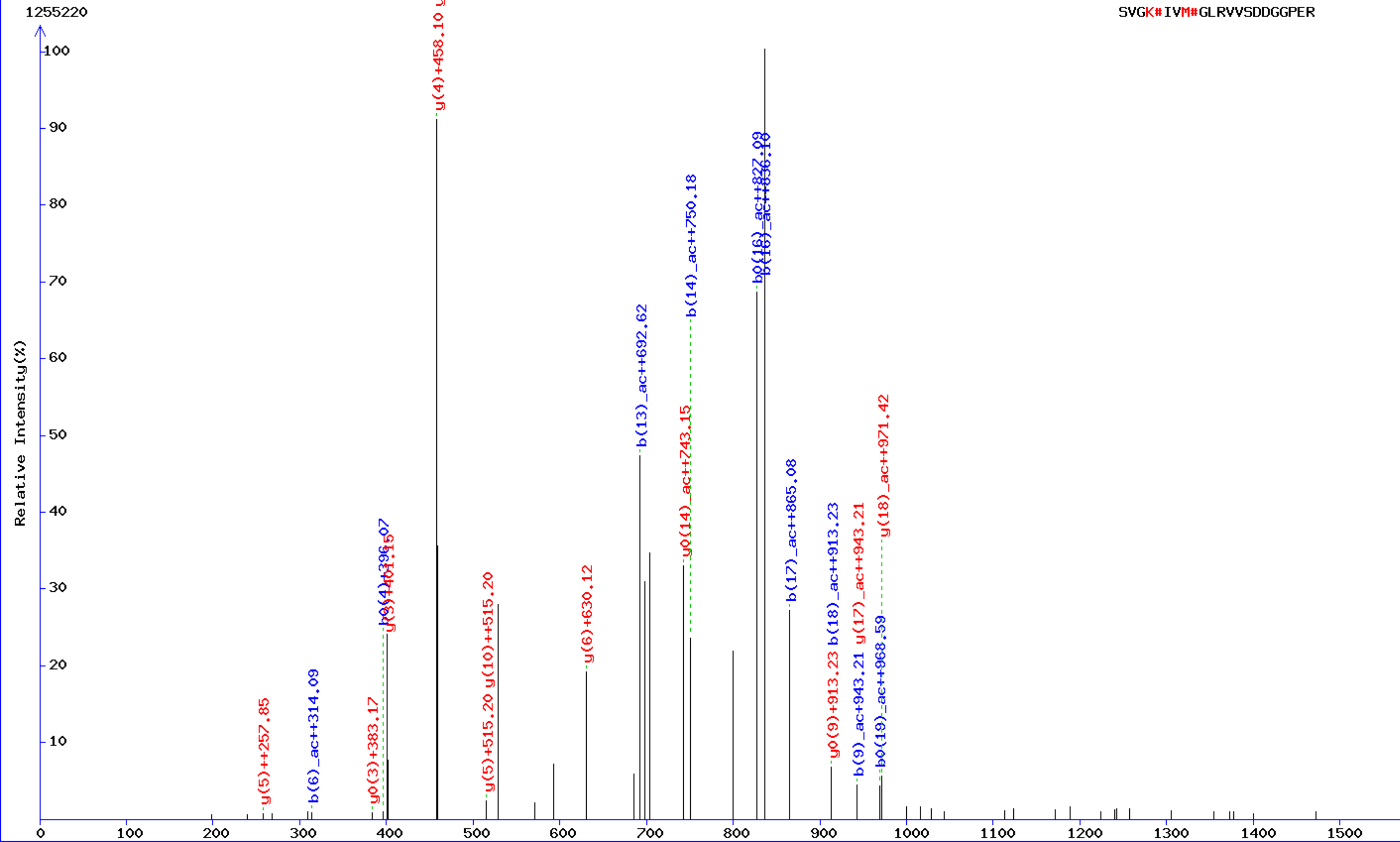
gi|148660661 MRA\_0891 phosphoserine aminotransferase

SQVVGTIDFVDDVDAGTVAK#ILR



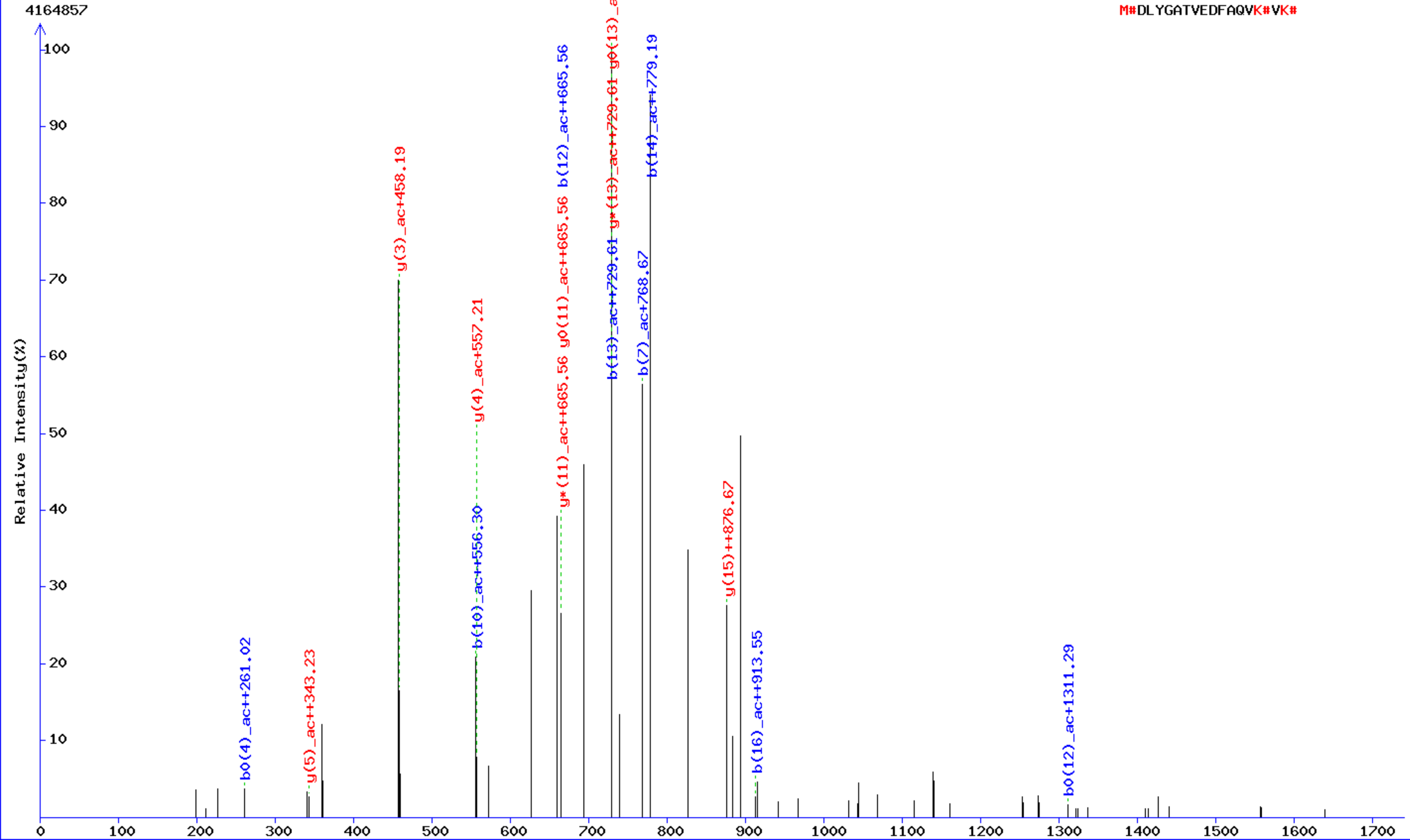
# gi|148663558 MRA\_3730 hypothetical protein

SVGK#IVM#GLRVVSDDGPER



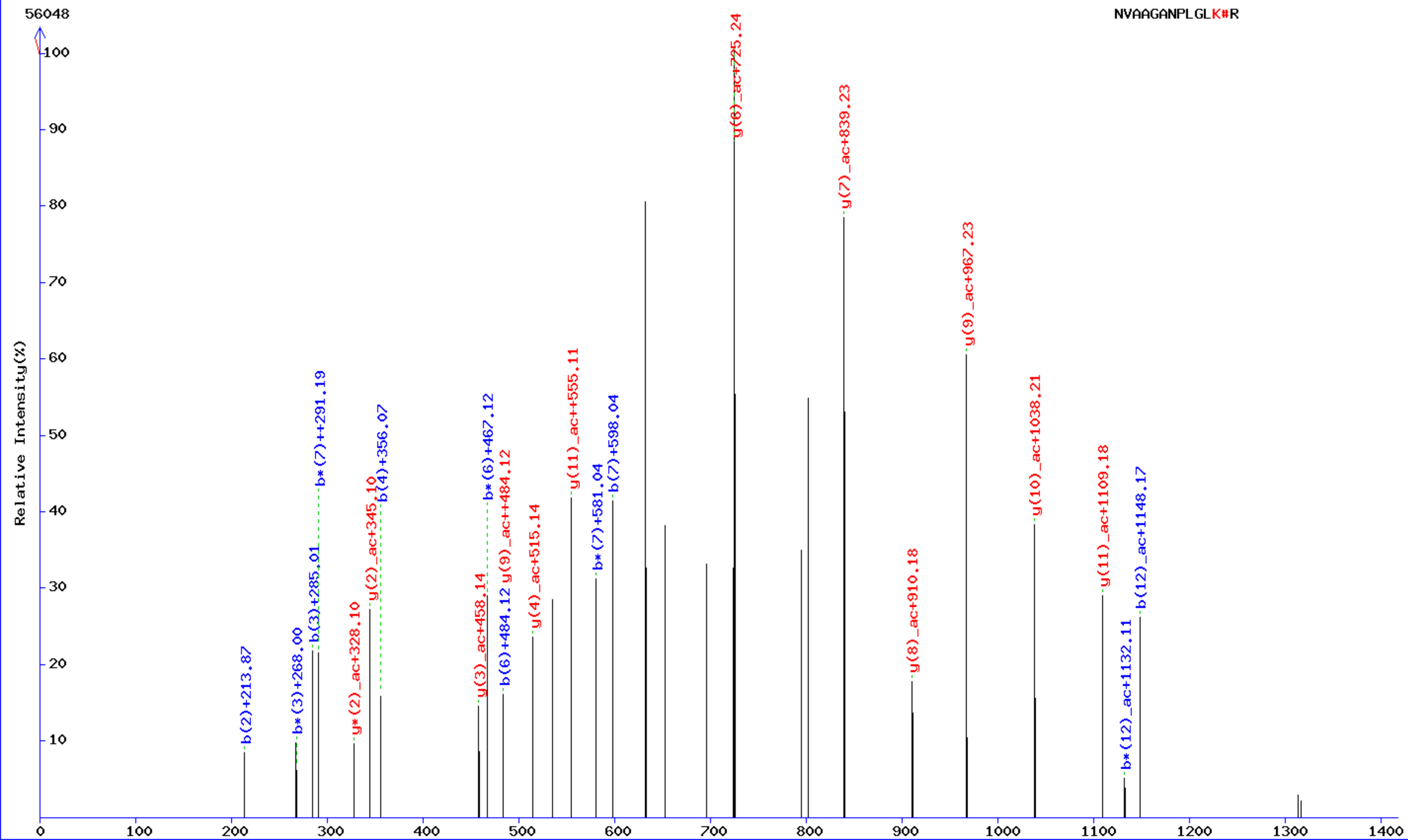
# gi|148661422 MRA\_1637 lipid-transfer protein

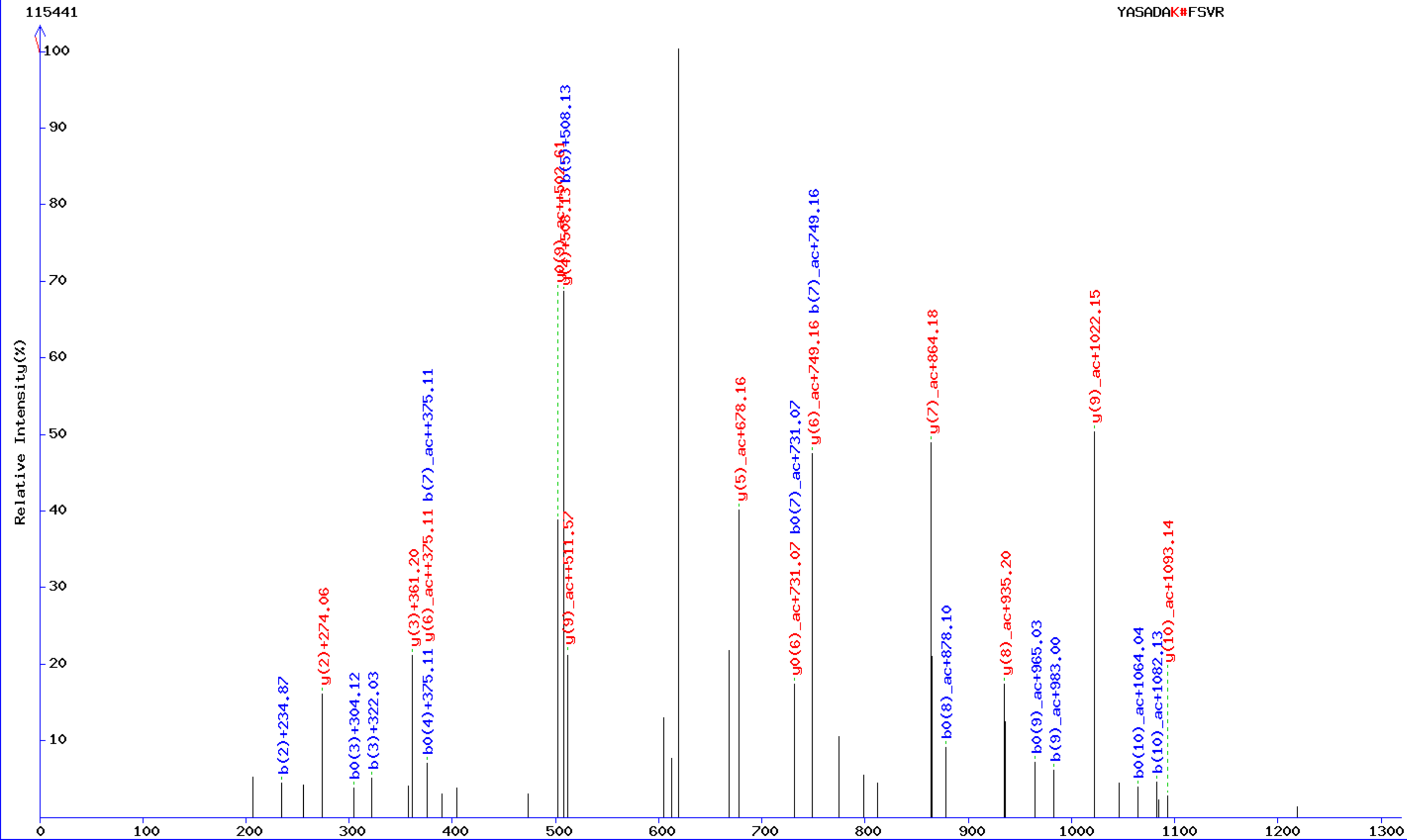
M#DLYGATVEDFAQVK#VK#



# gi|148660205 MRA\_0445 molecular chaperone GroEL

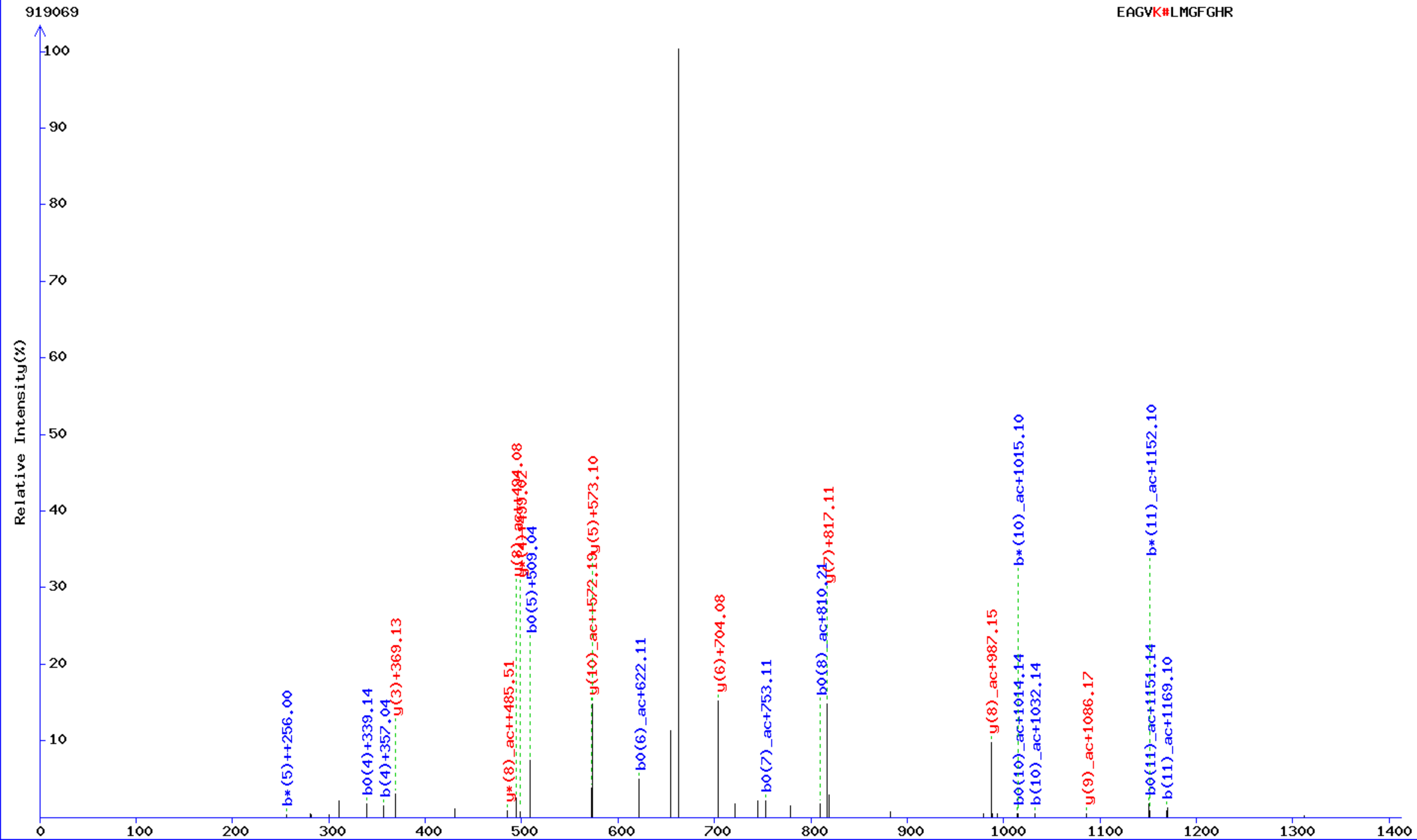
NVAAGANPLGLK#R





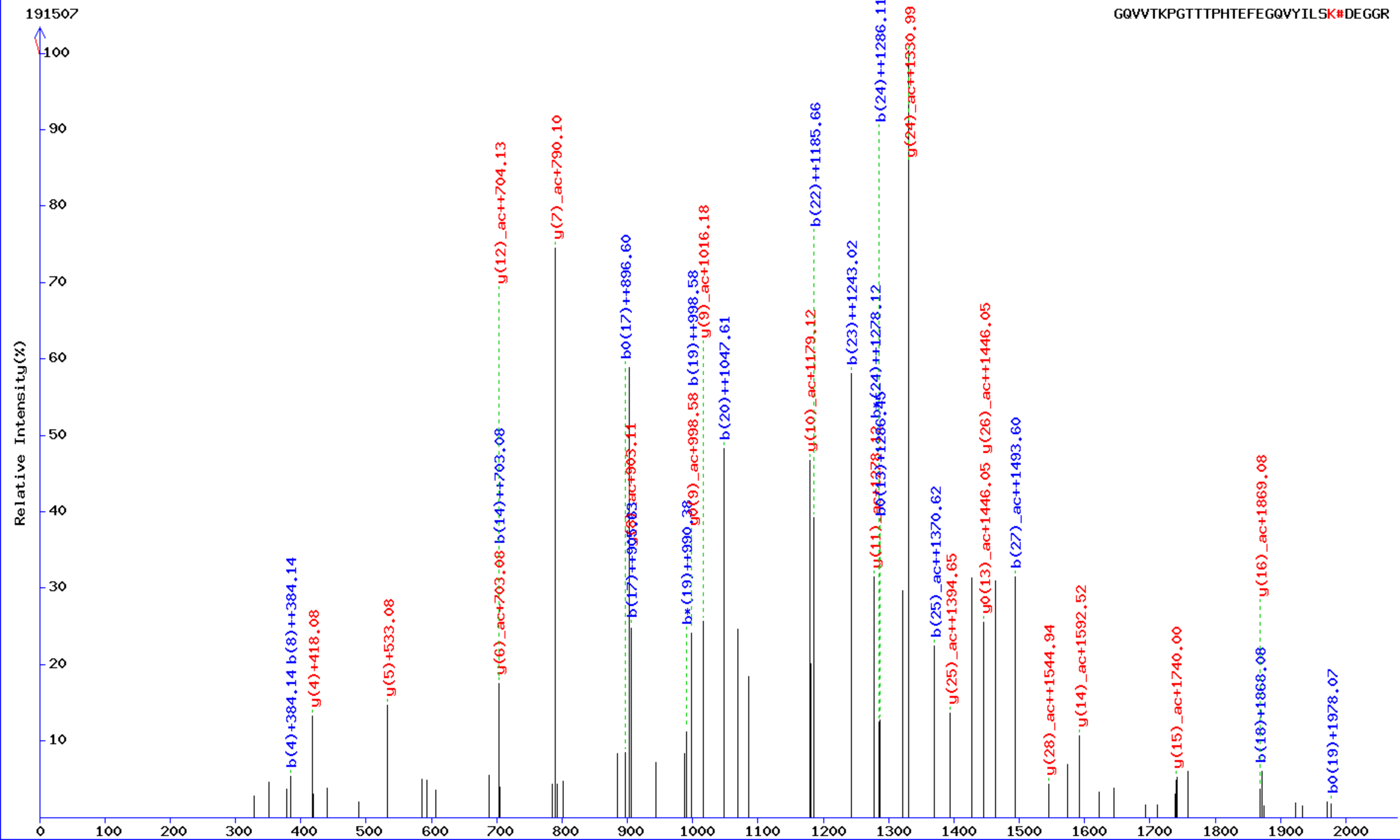
# gi|148660674 MRA\_0904 type II citrate synthase

EAGVK#LMGFGHR



# gi|148660460 MRA\_0694 elongation factor Tu

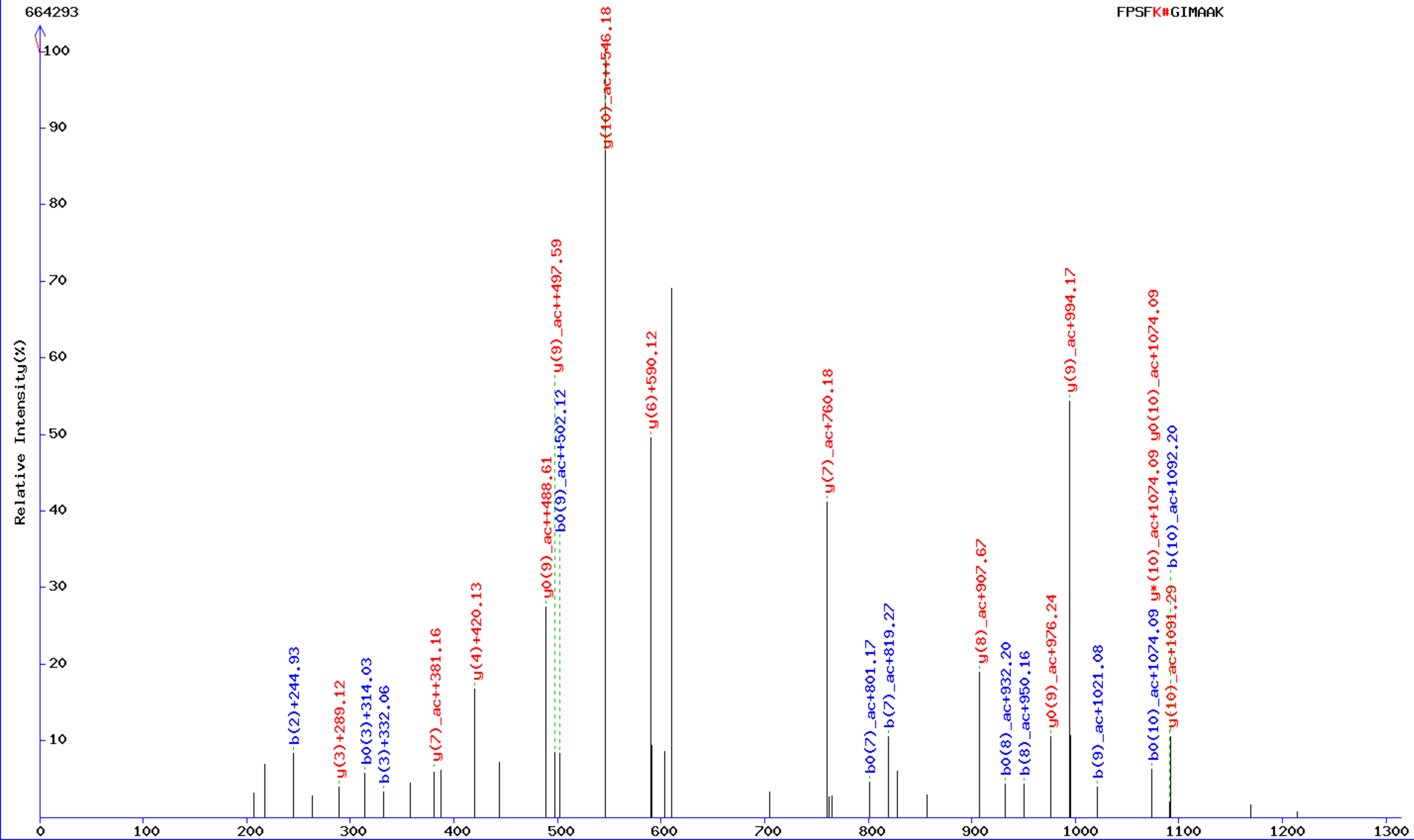
GQVVTKPGTTTPHTEFEGQVYILSK#DEGGR





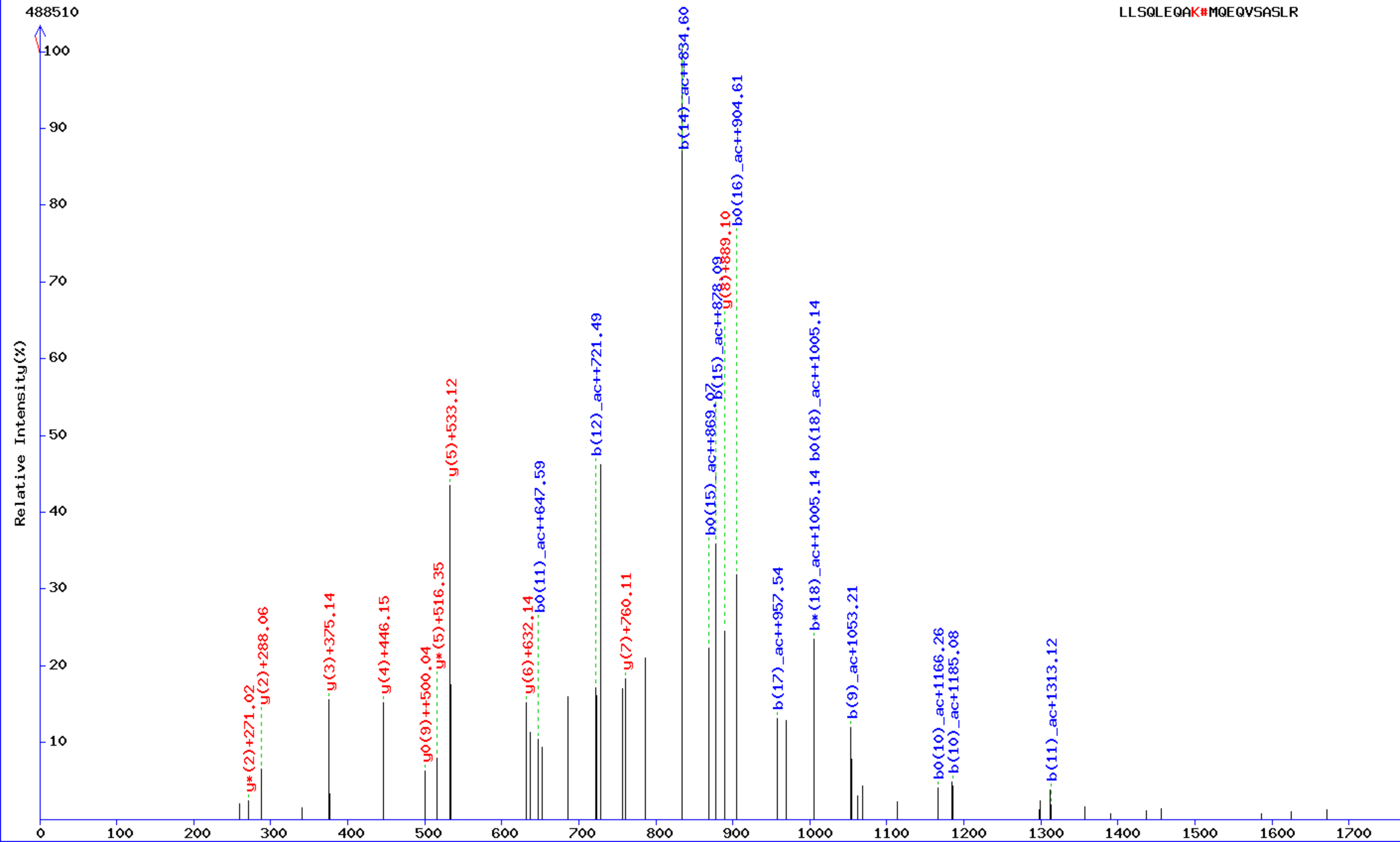
# gi|148662881 MRA\_3060 electron transfer flavoprotein subunit beta

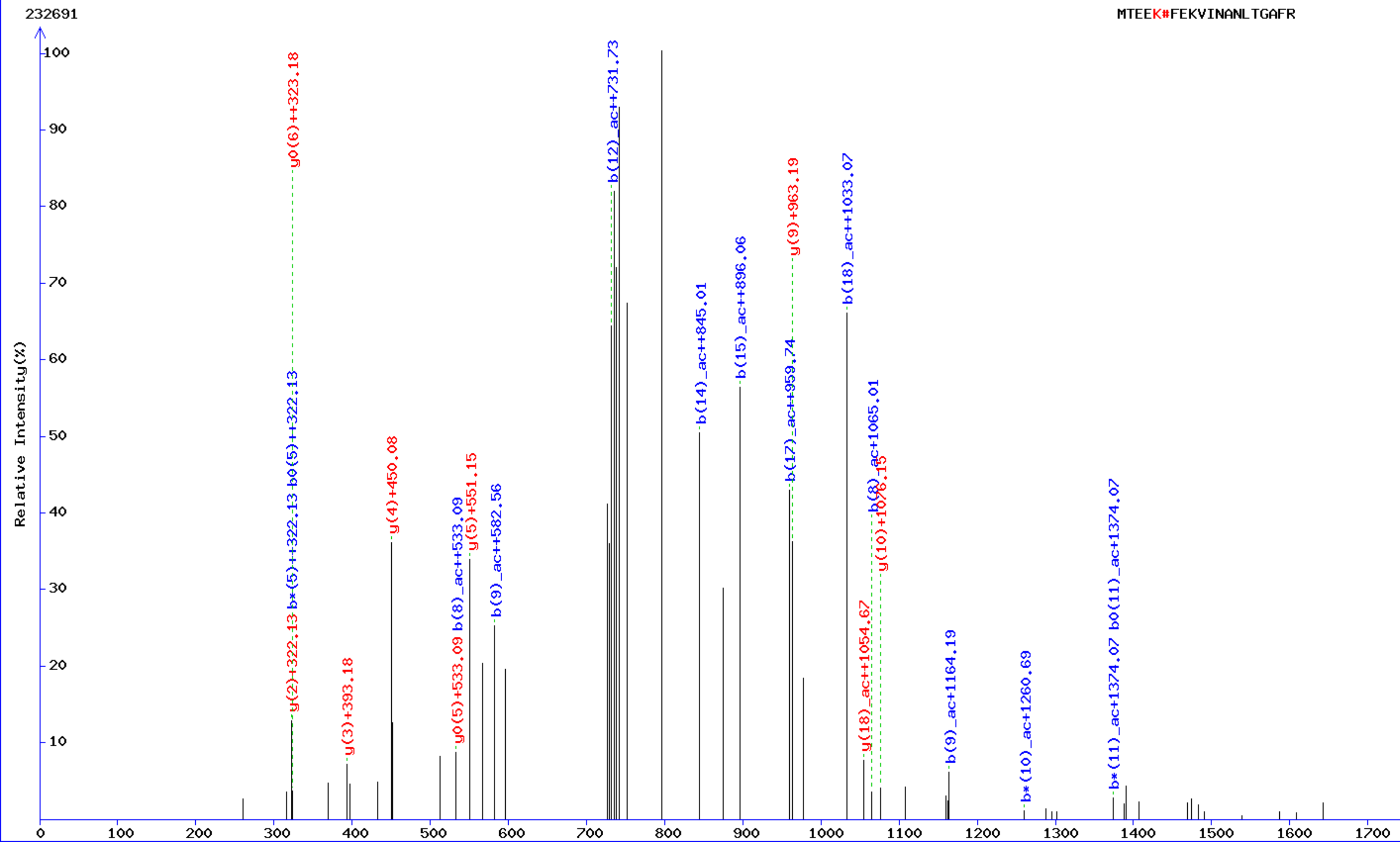
FPSFK#GIMAAK



# gi|148662586 MRA\_2770 hypothetical protein

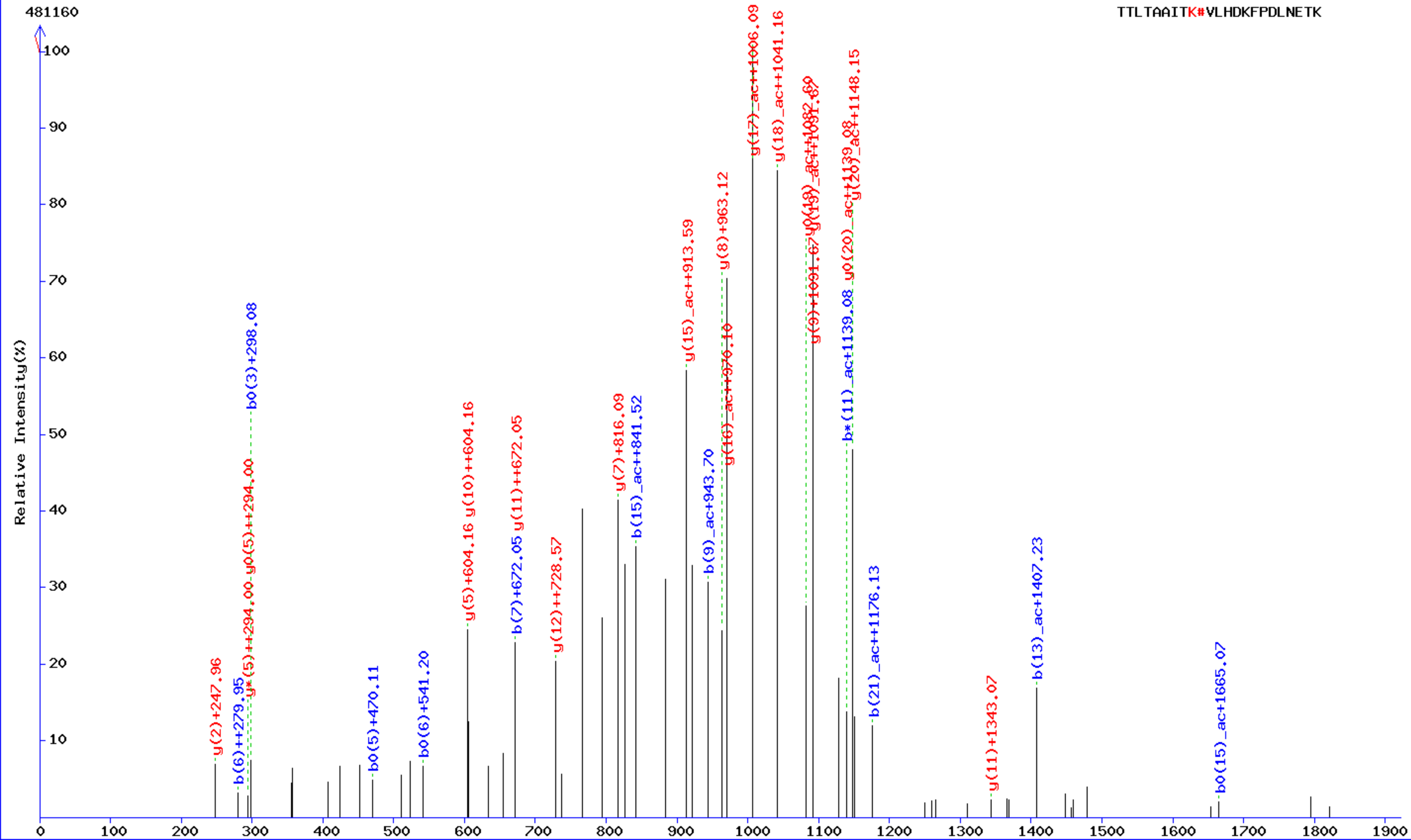
LLSQLEQAK#MQEQVSASLR





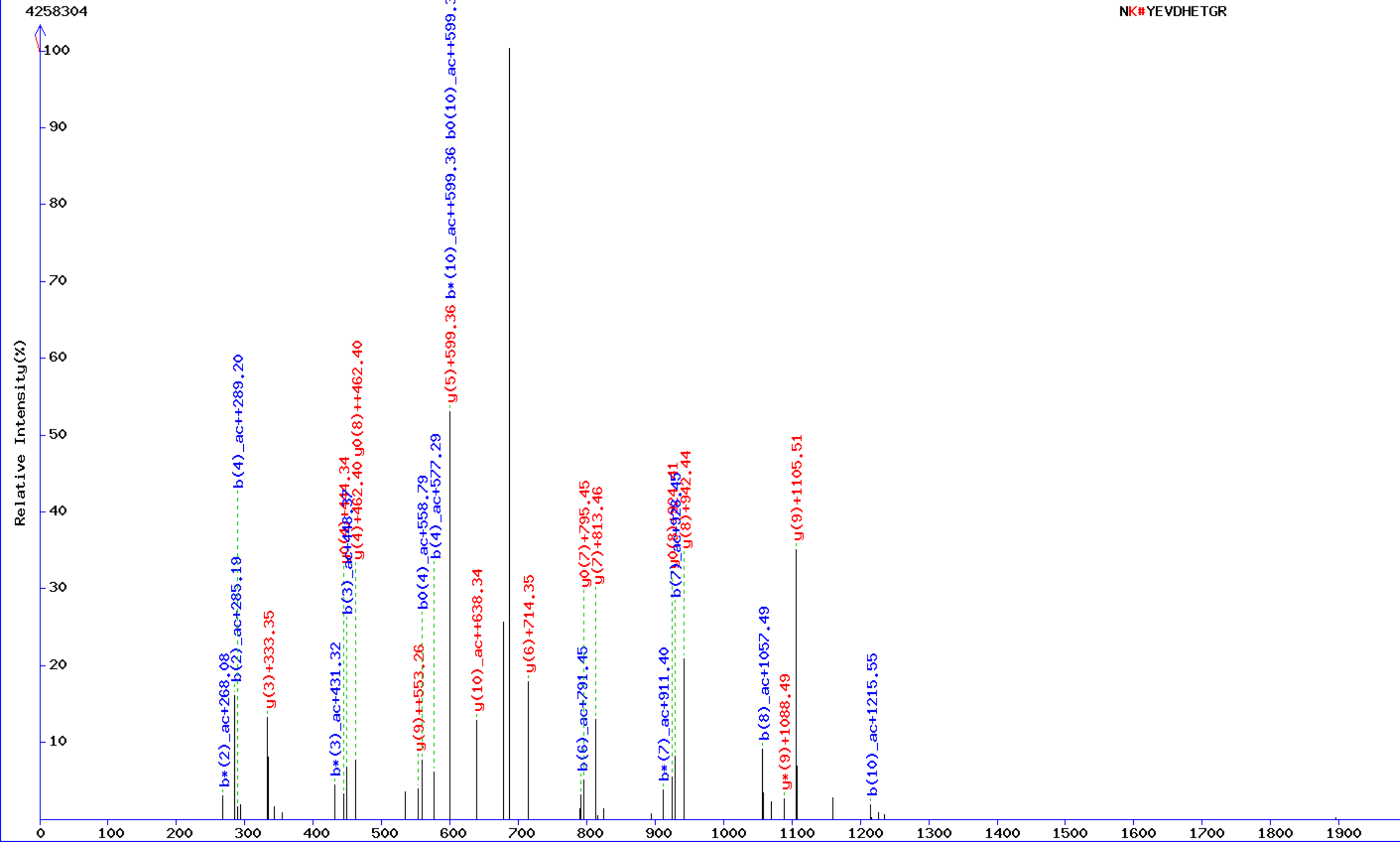
# gi|148660460 MRA\_0694 elongation factor Tu

TTLTAAITK#VLHDKFPDLNETK



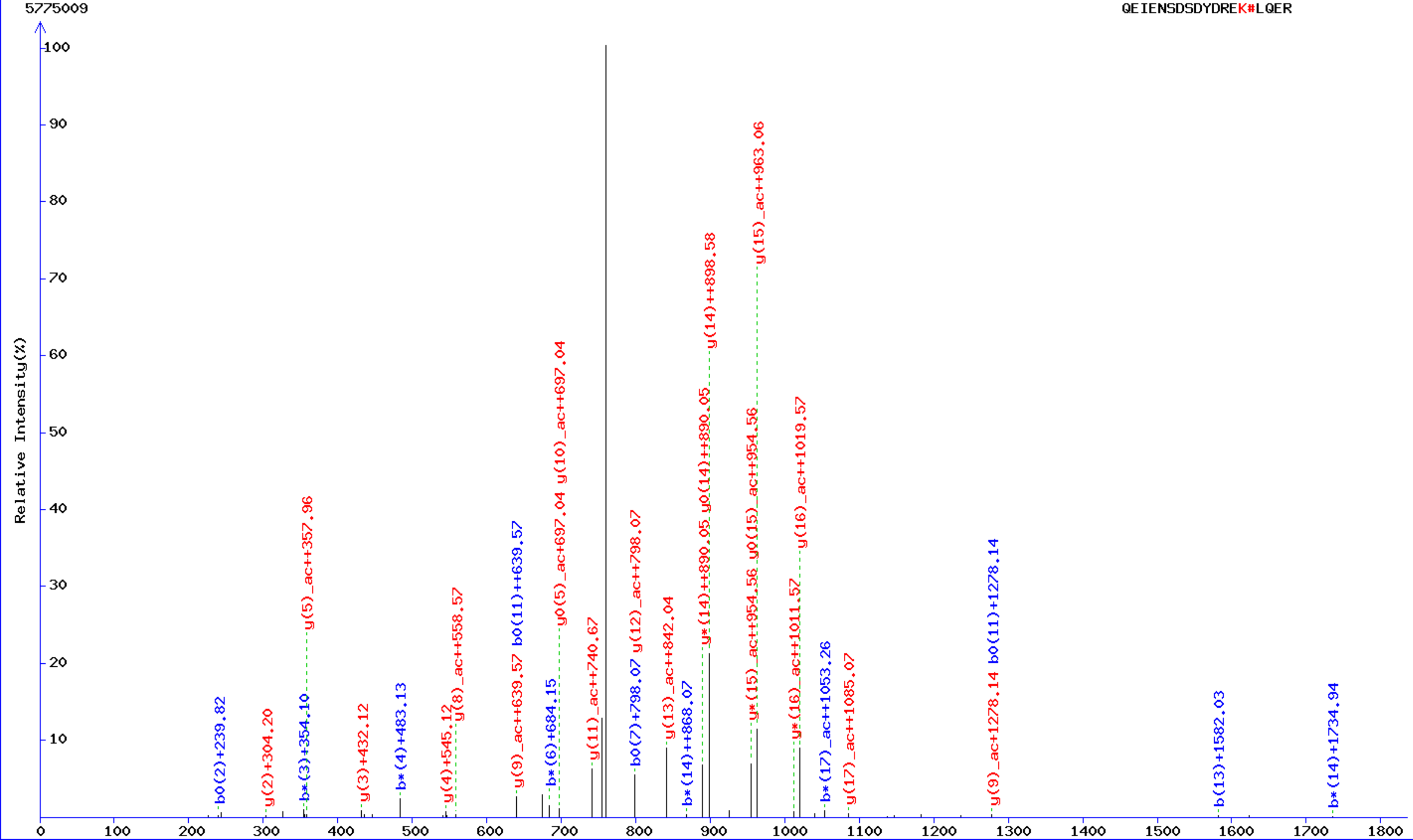
# gi|148663491 MRA\_3664 inorganic pyrophosphatase

NK#YEVDHETGR

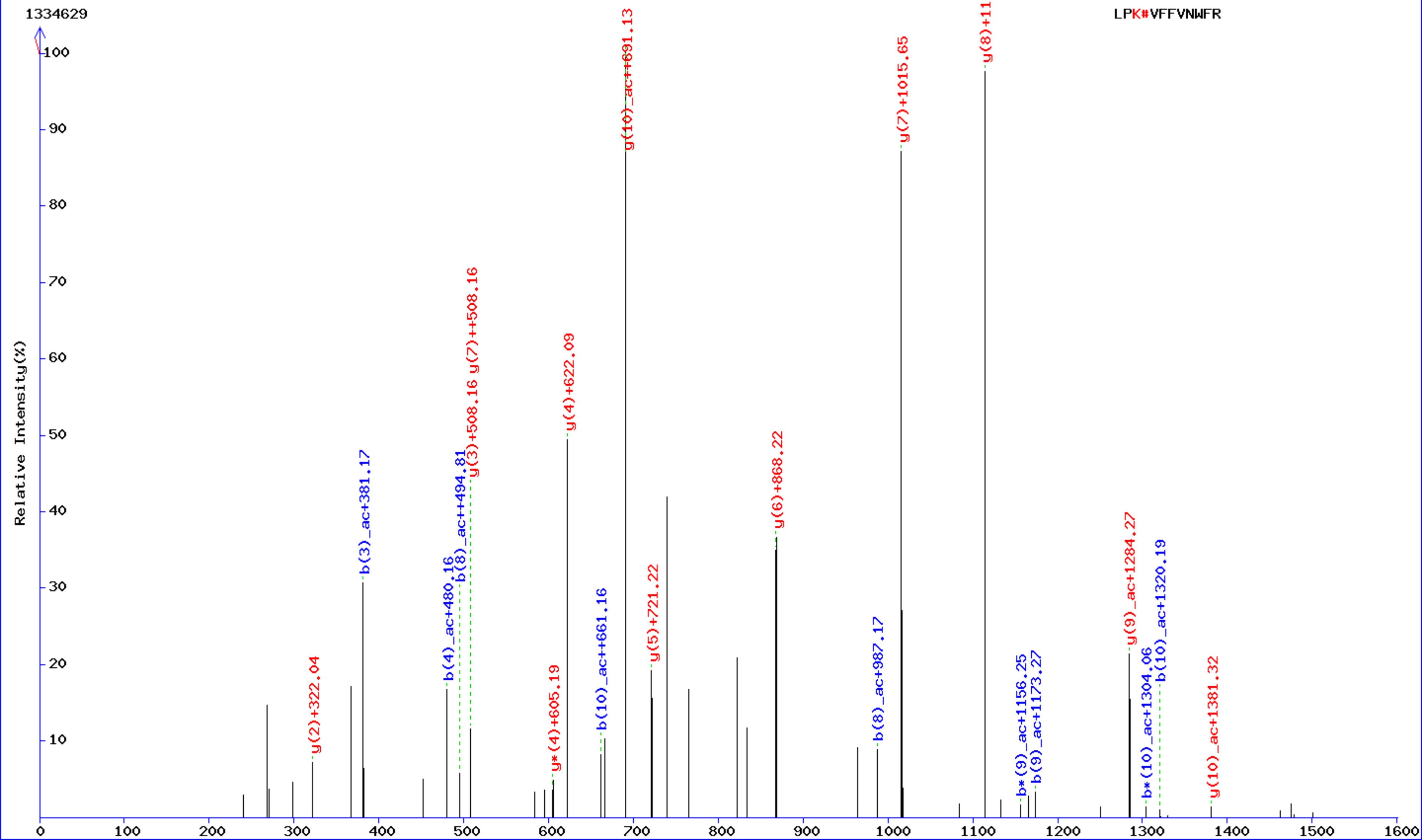


# gi|148660205 MRA\_0445 molecular chaperone GroEL

QE IENSDSDYDREK#LQER

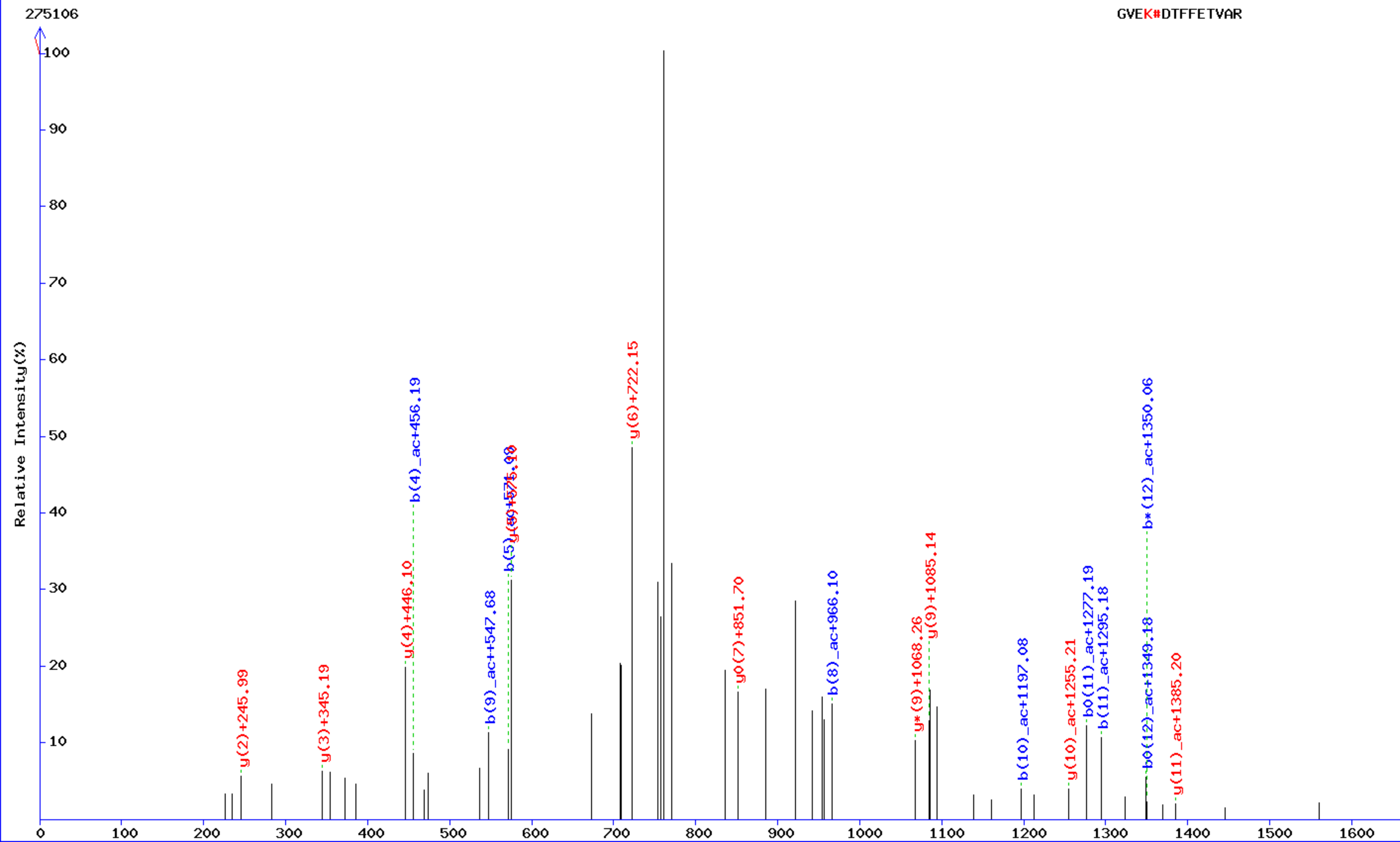


gi|148659975 MRA\_0219 phosphoenolpyruvate carboxykinase



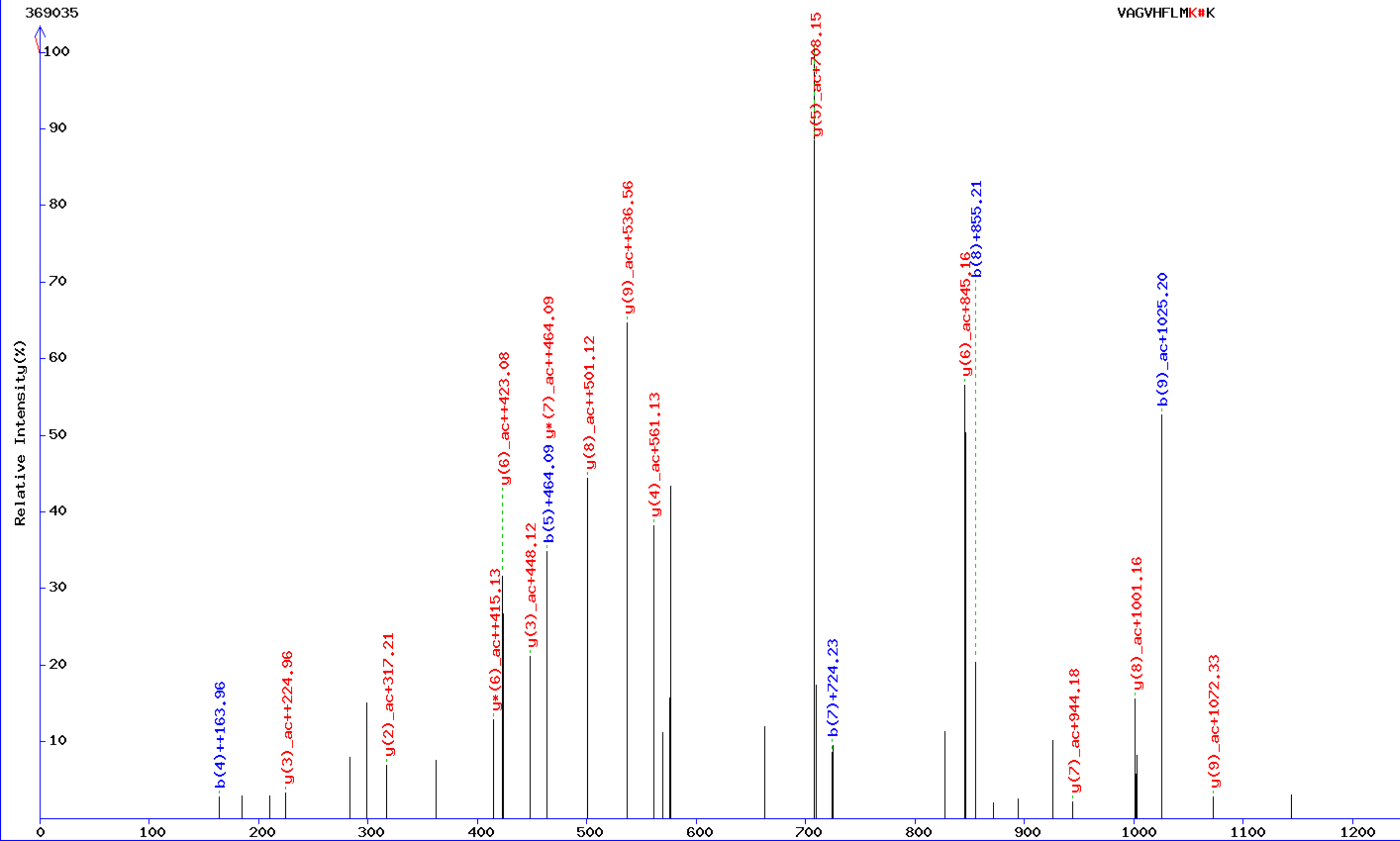
# gi|148659995 MRA\_0239 acyl-CoA dehydrogenase

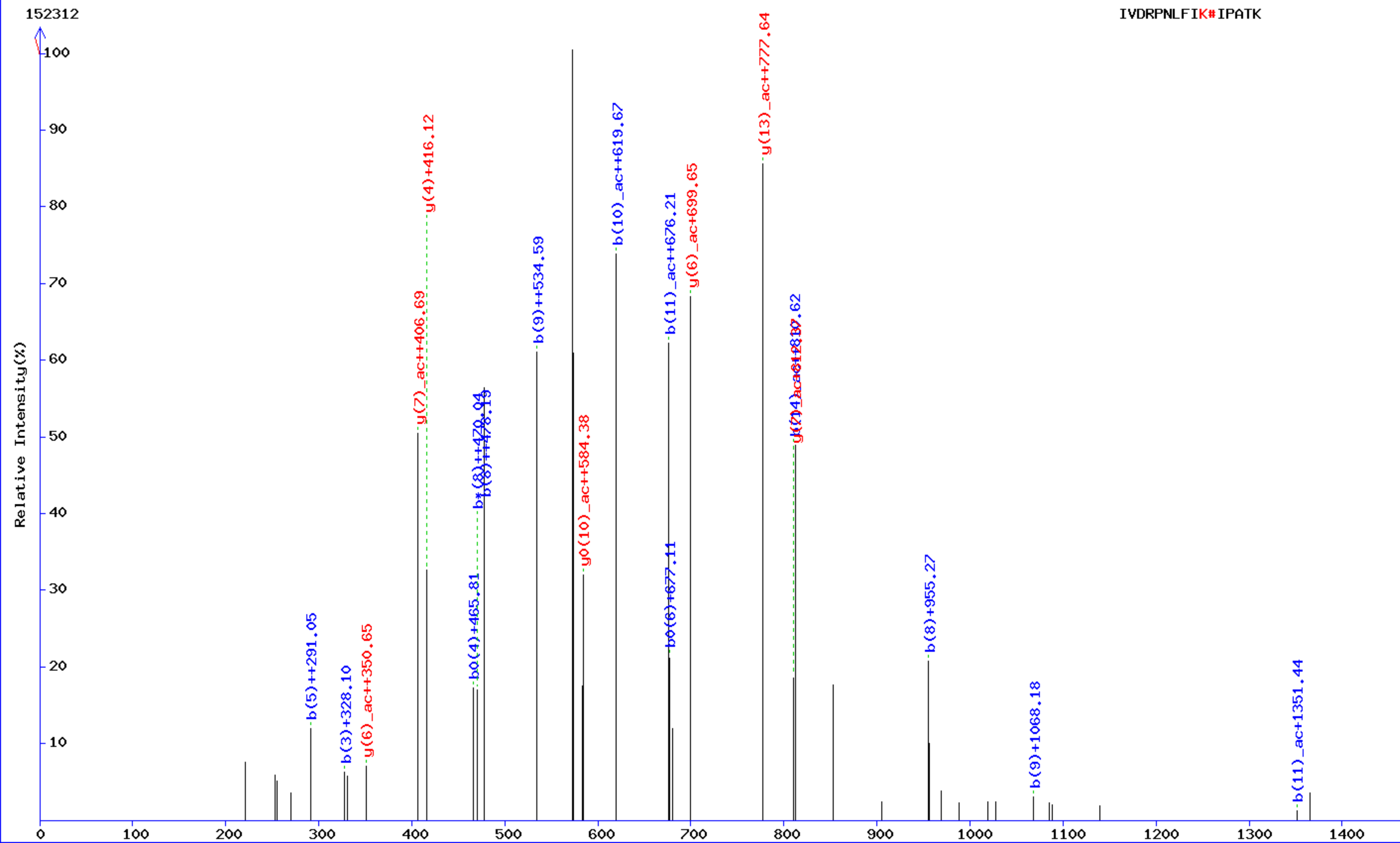
GVEK#DTFFETVAR





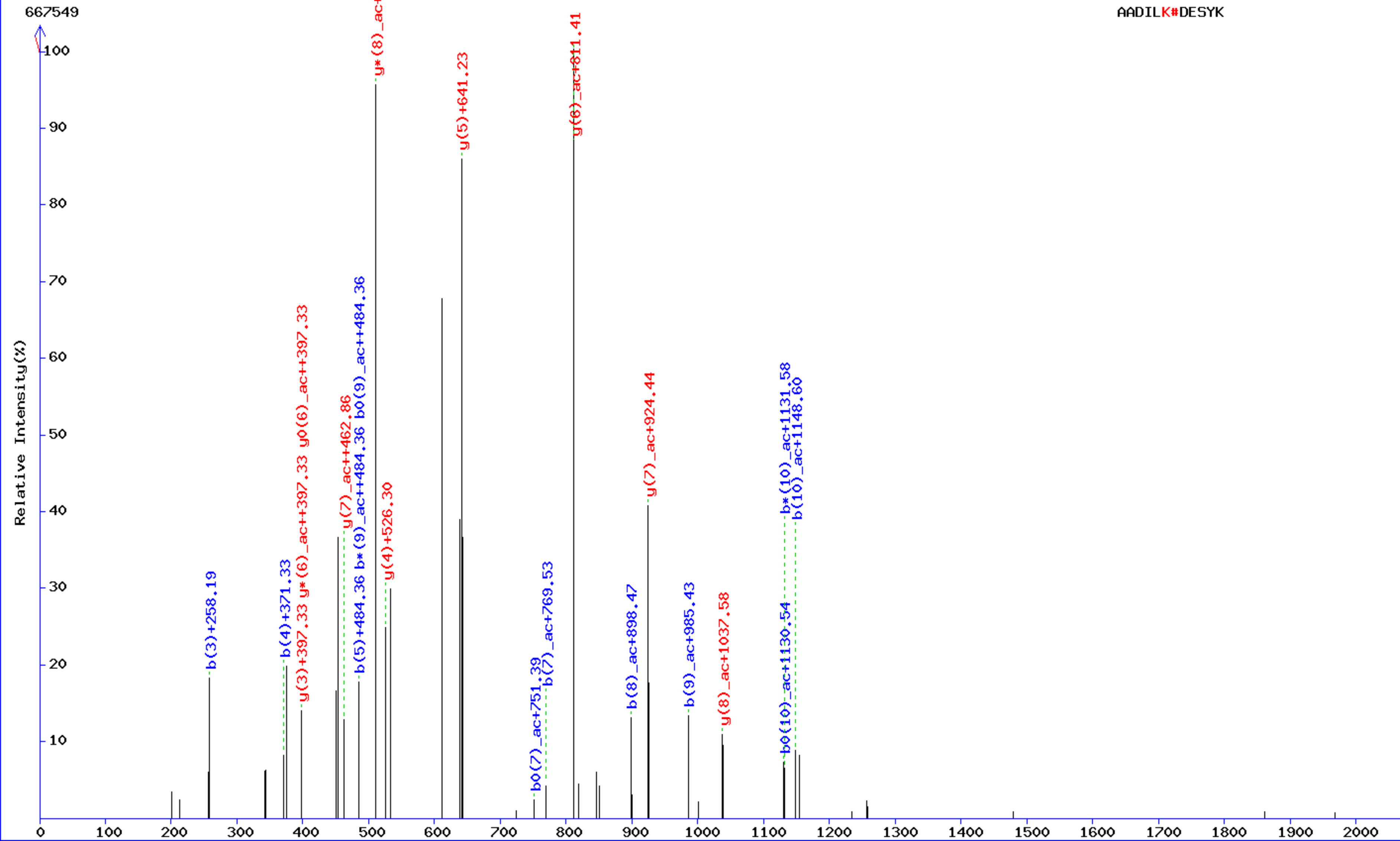
# gi|148660228 MRA\_0468 dihydrolipoamide dehydrogenase





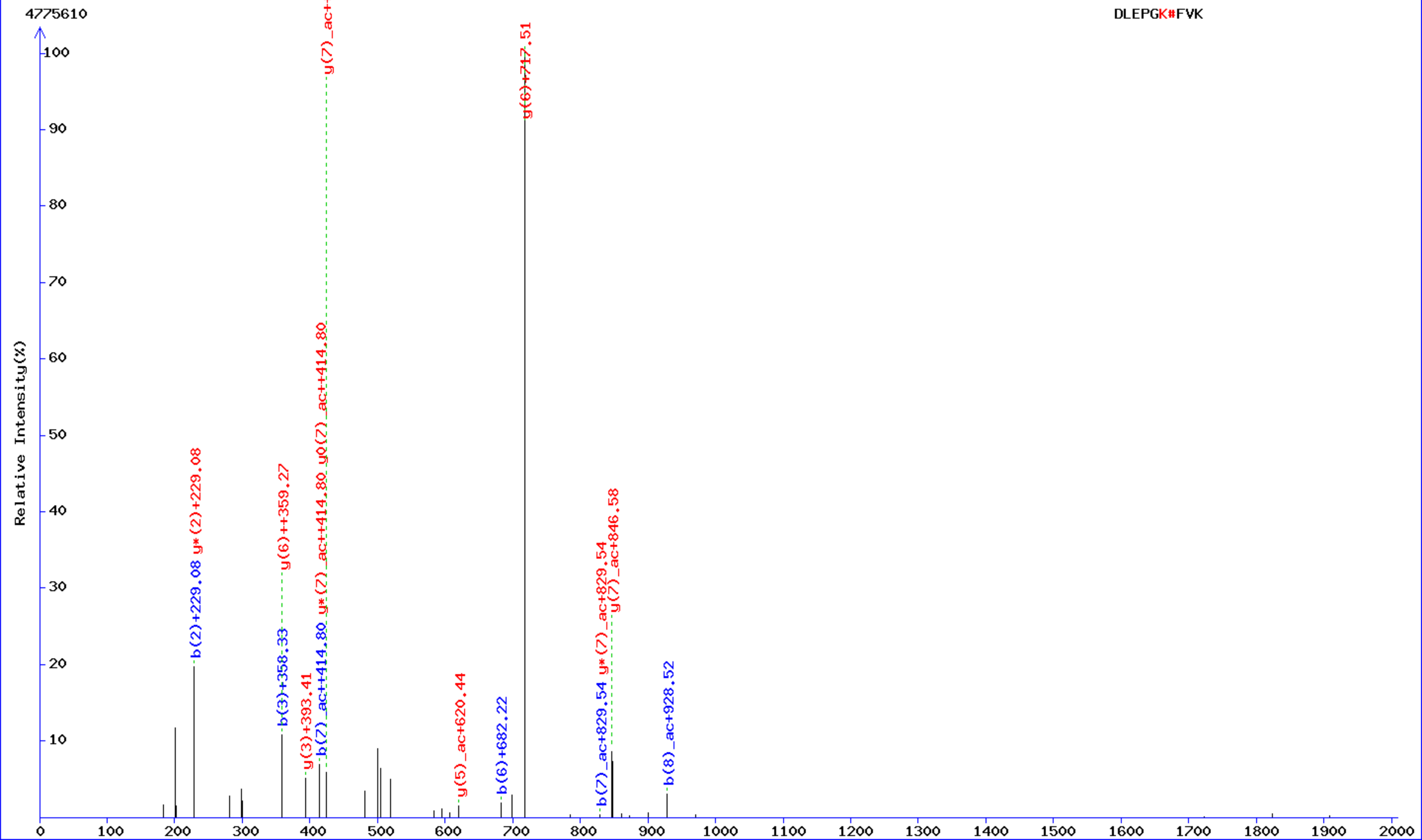
# gi|148661431 MRA\_1646 hypothetical protein

AADILK#DESYK



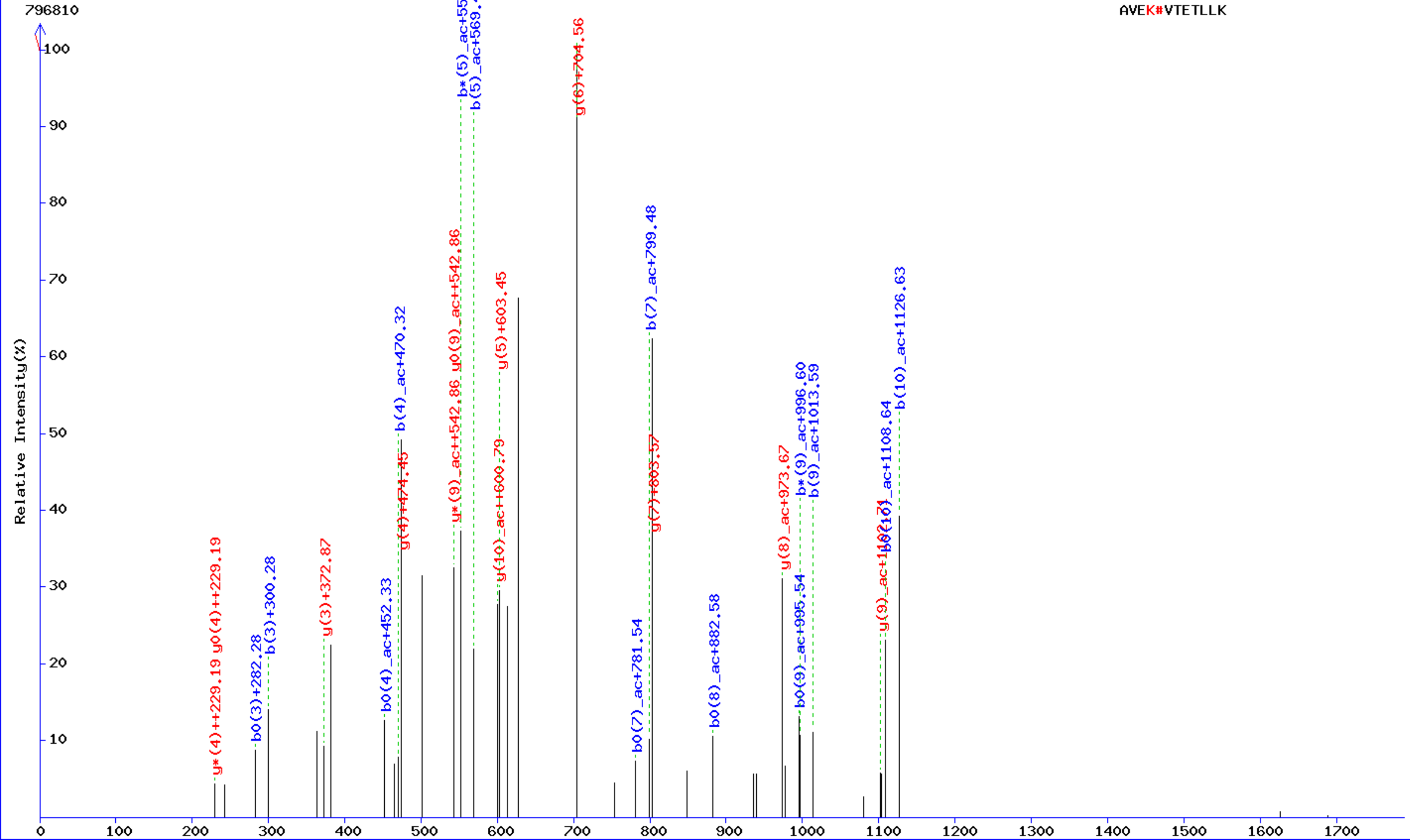
# gi|148663491 MRA\_3664 inorganic pyrophosphatase

DLEPGK#FVK

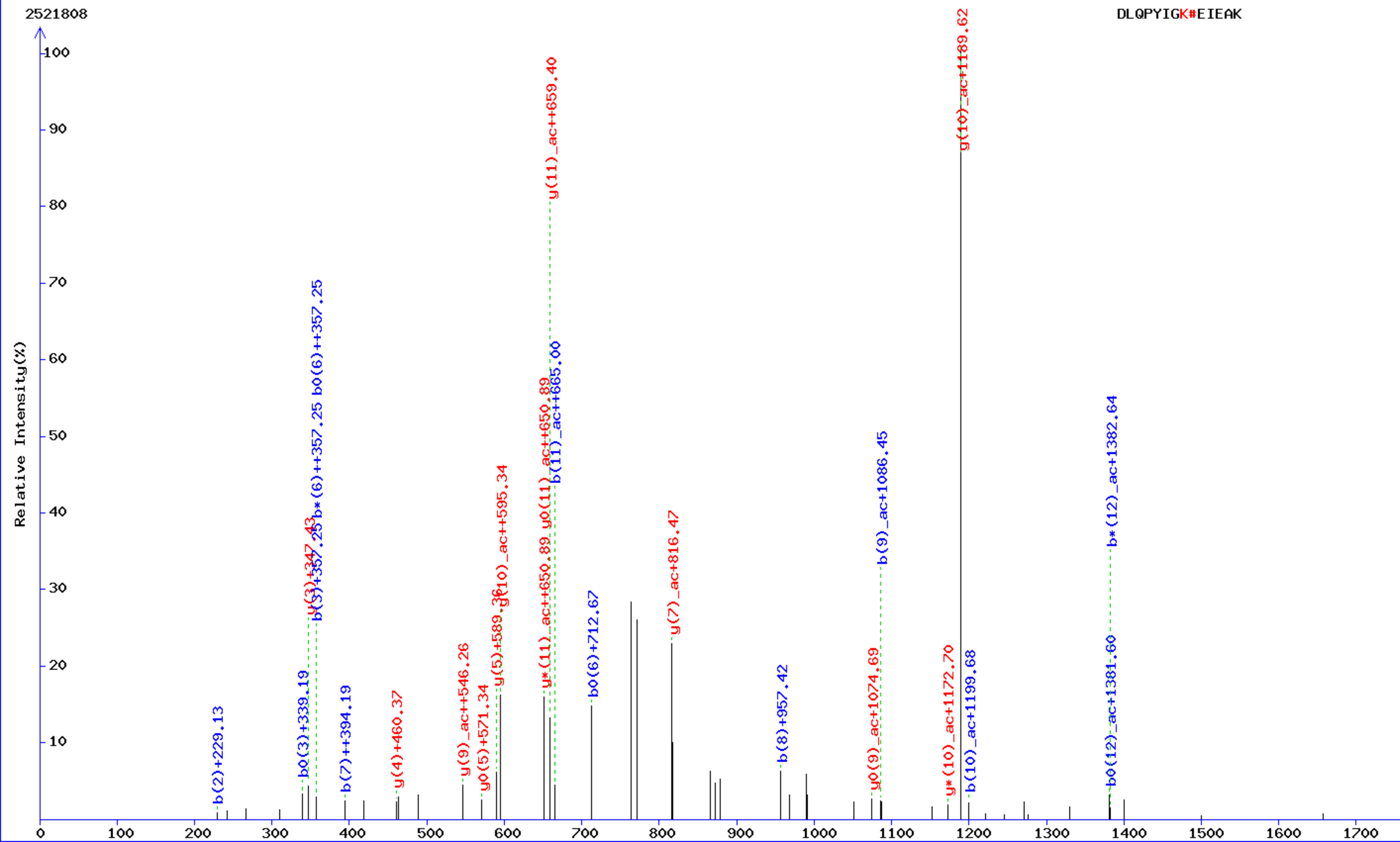


# gi|148660205 MRA\_0445 molecular chaperone GroEL

AVEK#VTETLLK

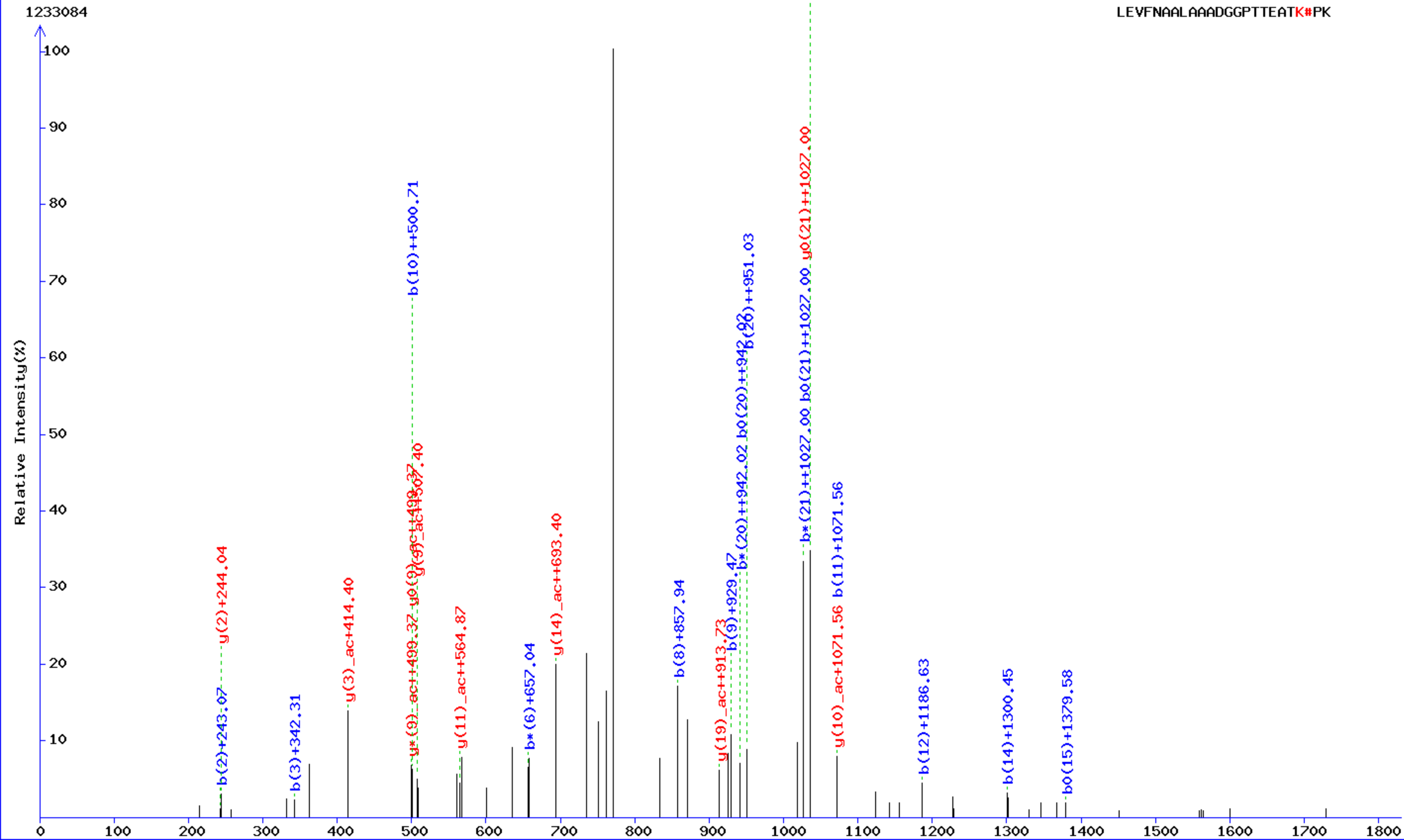


# gi|148661425 MRA\_1640 30S ribosomal protein S1

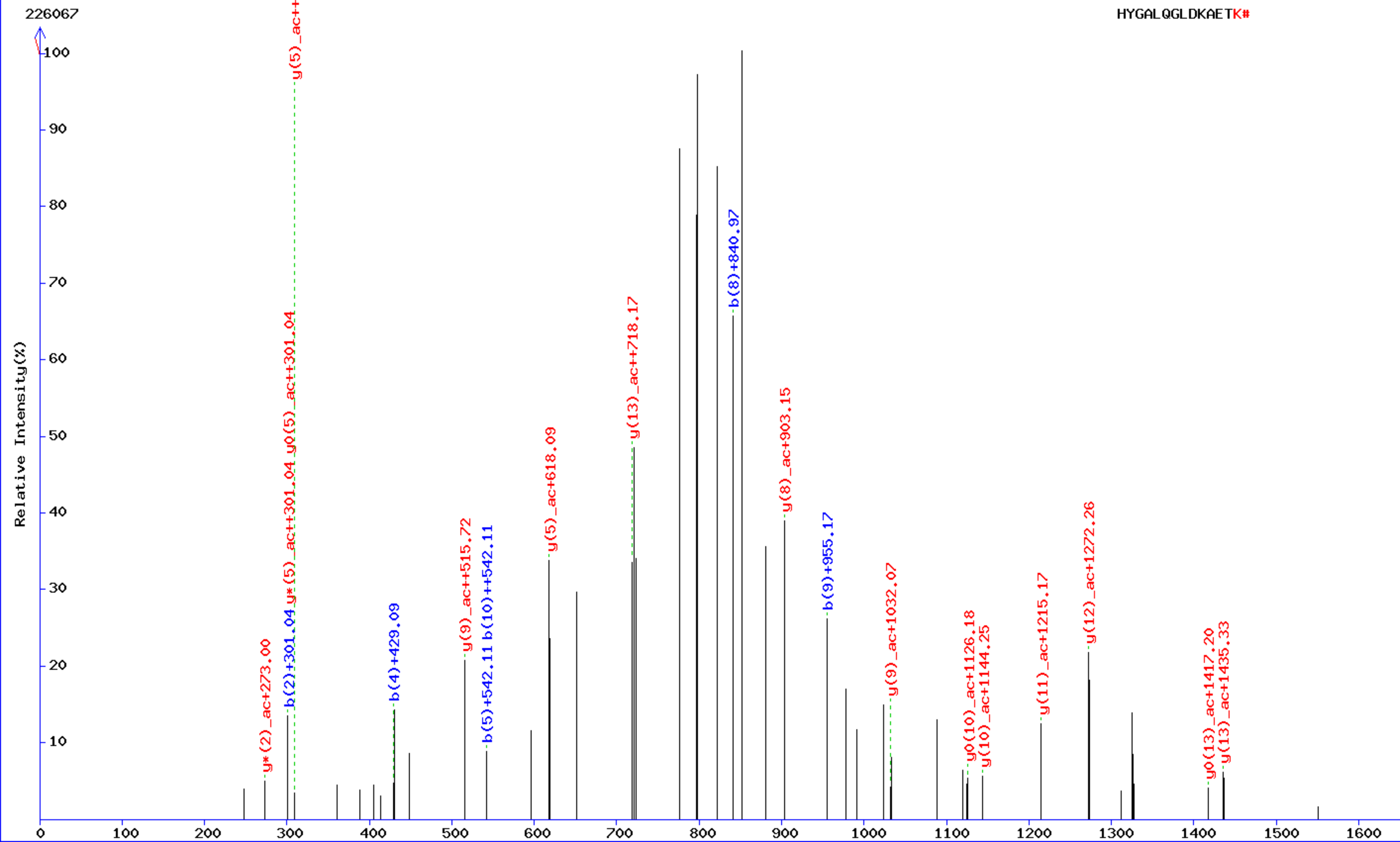


gi|148662753 MRA\_2934 30S ribosomal protein S16

LEVFNAALAAADGGPTTEATK#PK



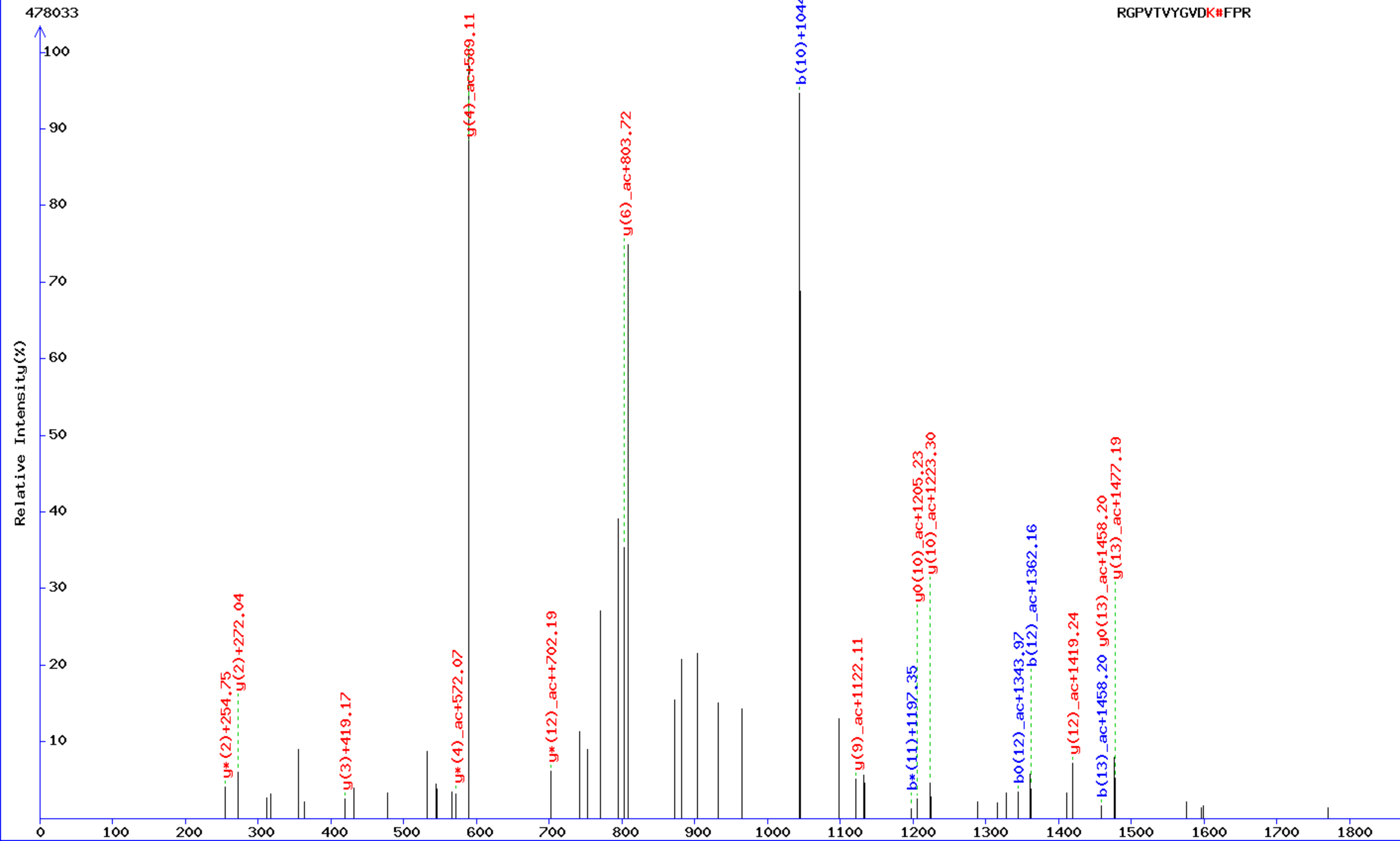
# gi|148660256 MRA\_0496 phosphoglyceromutase



HYGALQGLDKAETK#



# gi|148660988 MRA\_1210 tetrahydrodipicolinate N-succinyltransferase



# gi|148660988 MRA\_1210 tetrahydrodipicolinate N-succinyltransferase

GPVTVYGVDK#FPR

