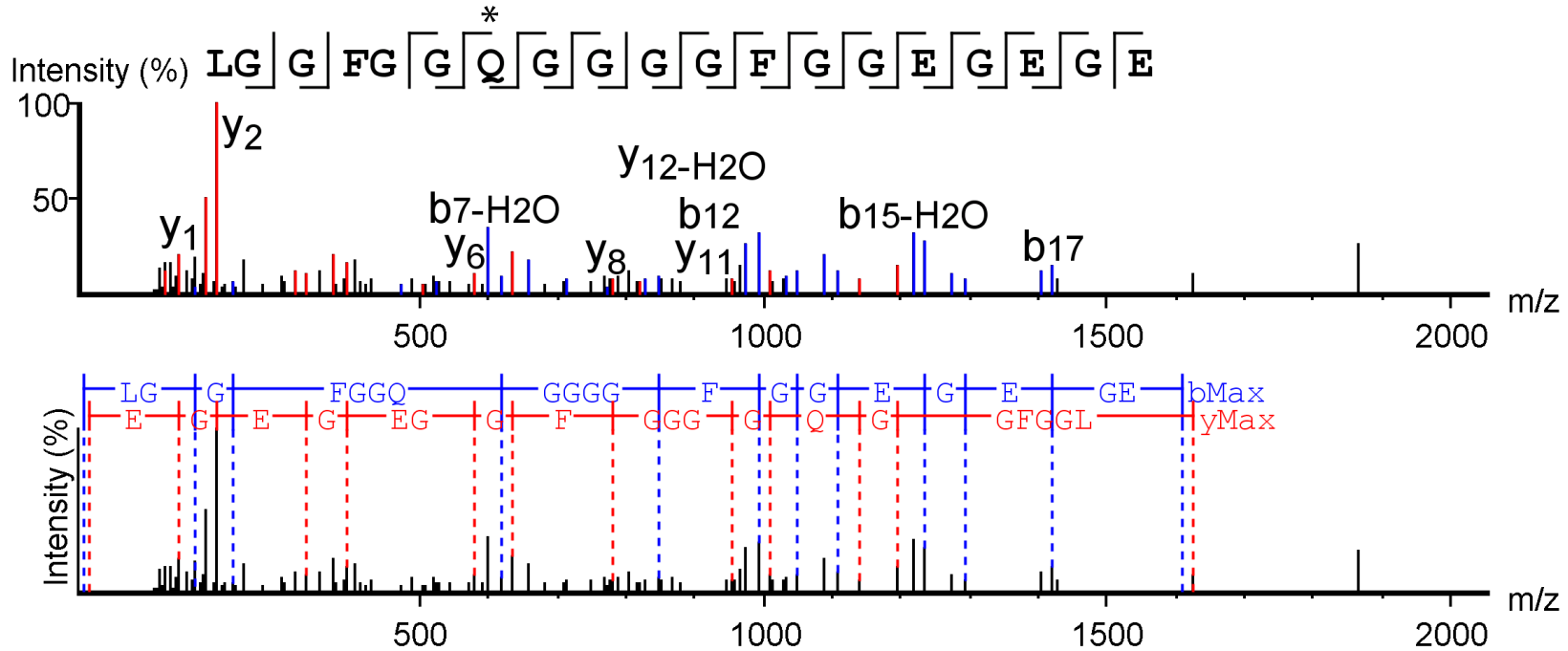
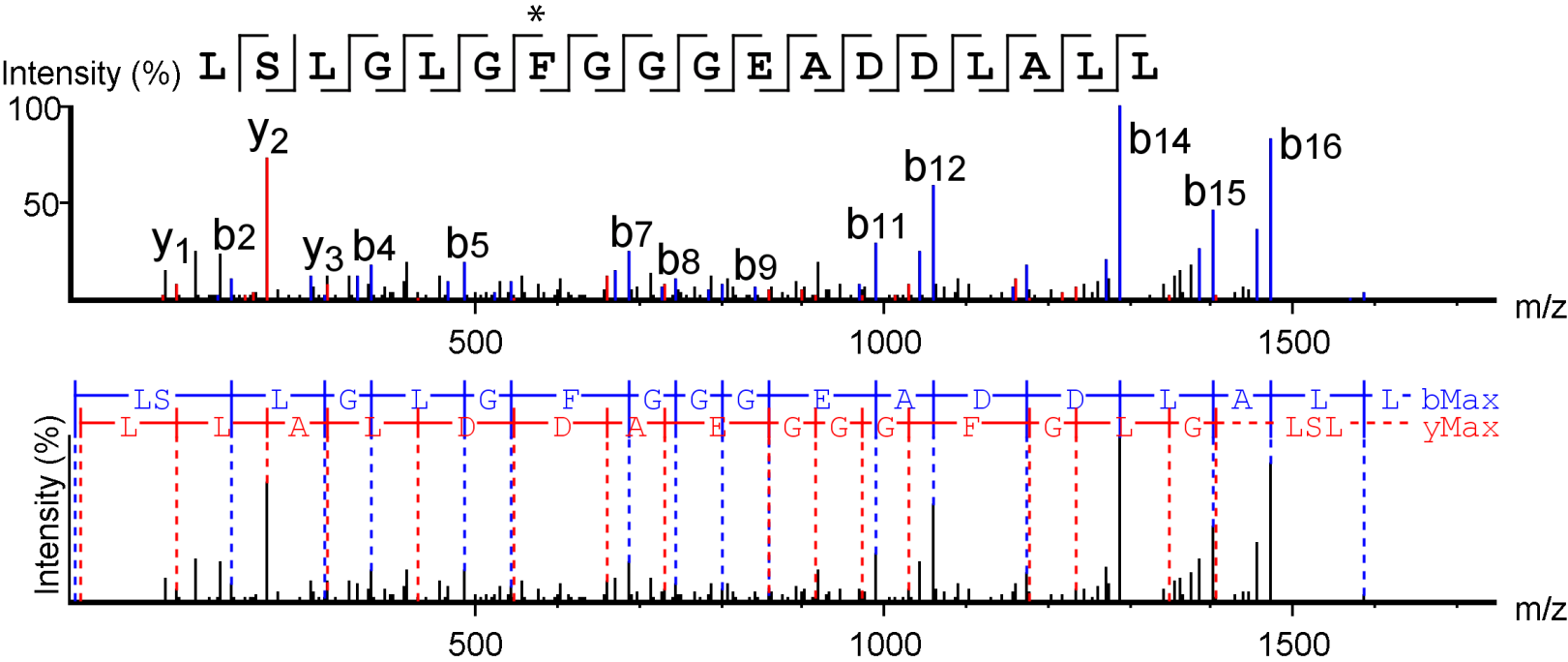


1. Hic74 [*Unio crassus*]

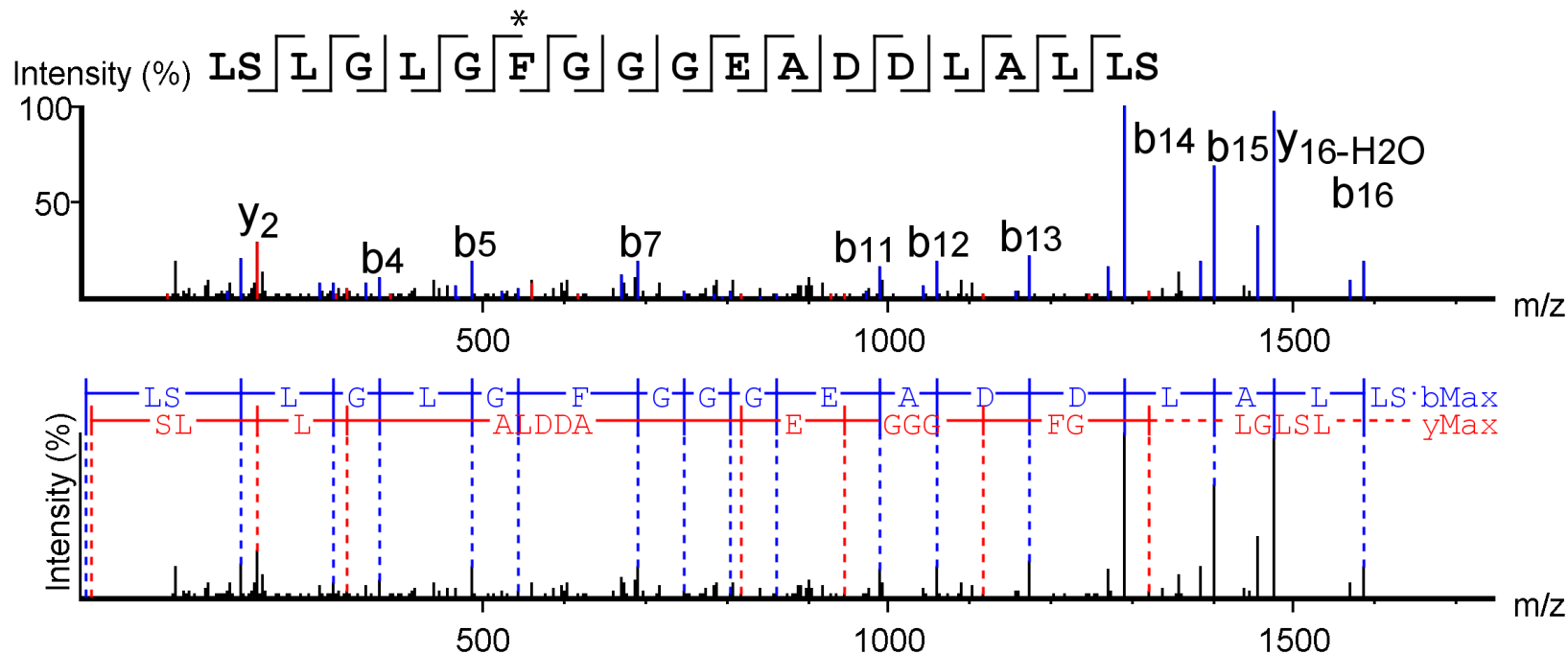
1.1 Position (AA): **172**; Mutation **E** → **Q**



1.2 Position (AA): **310**; Mutation **I** → **F**

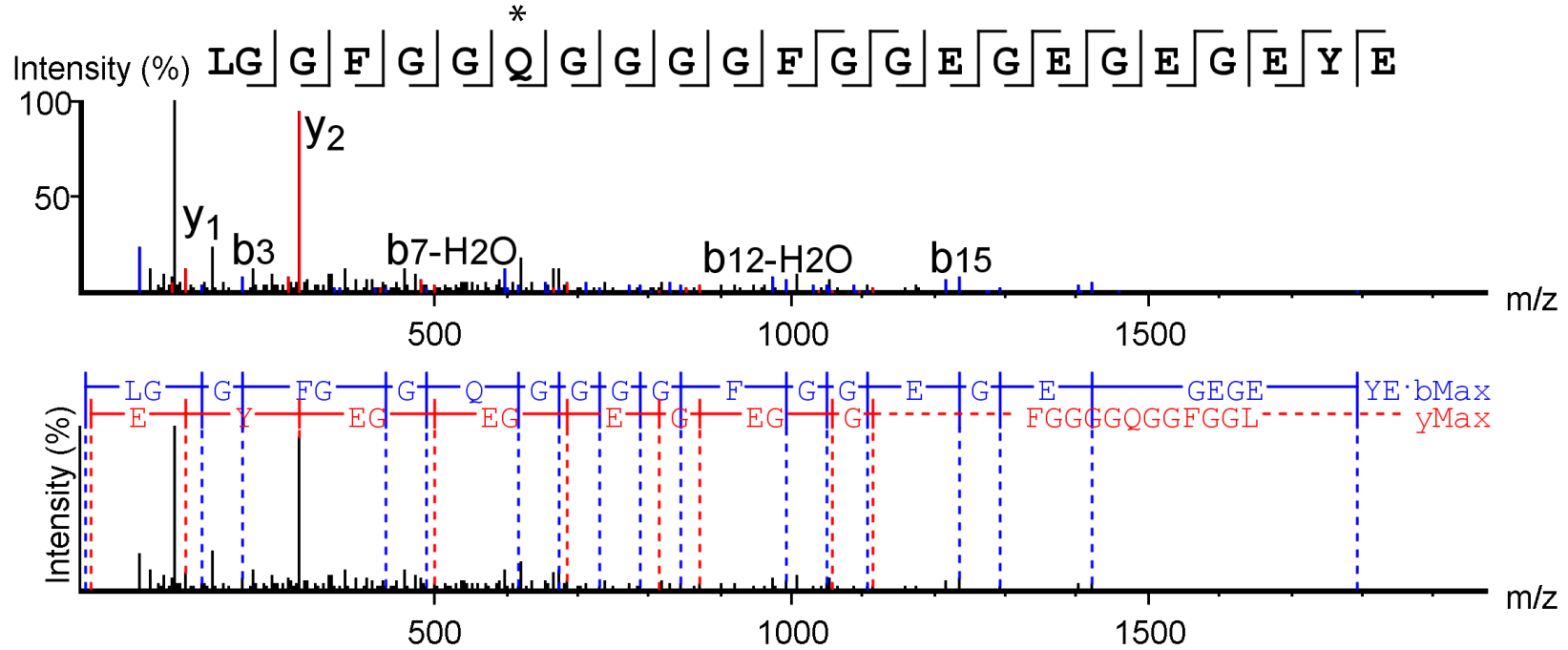


1.3 Position (AA): **310**; Mutation **I** → **F**

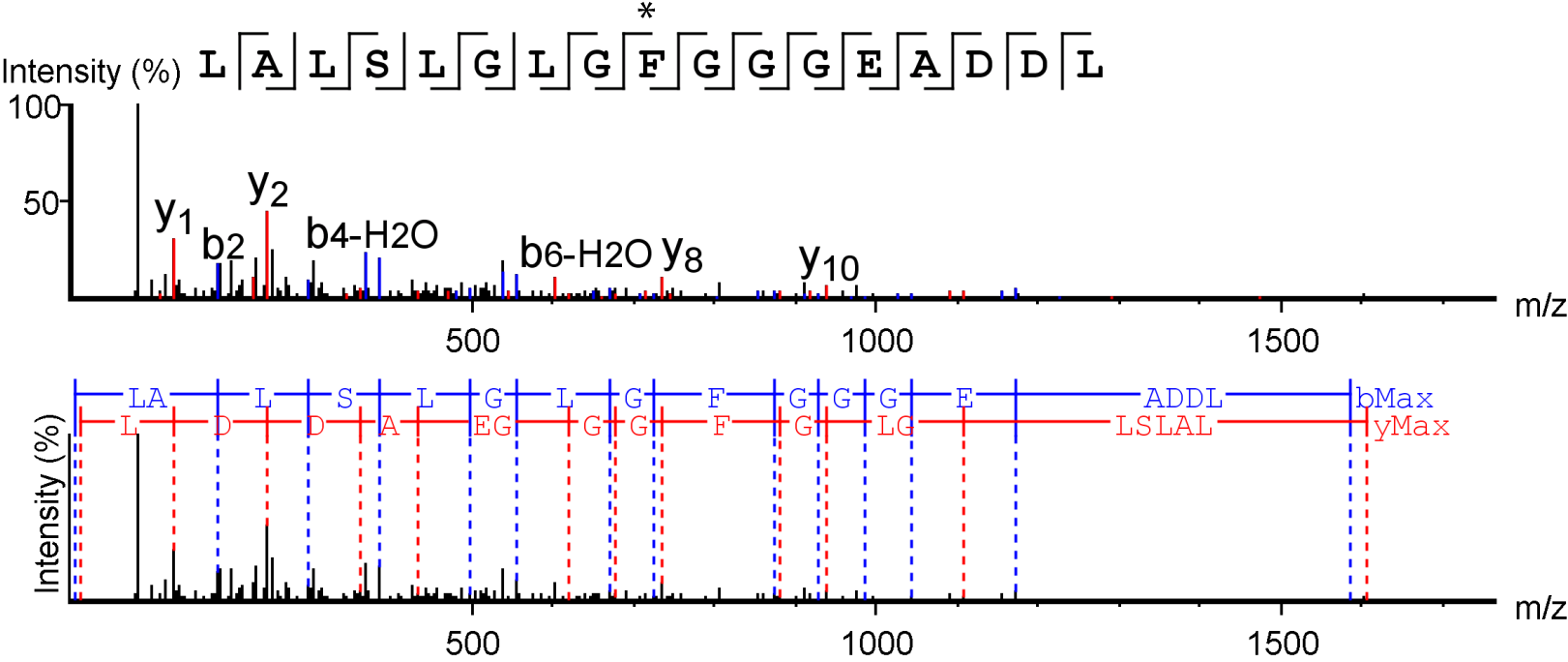


2. Hic74 [*Unio pictorum*]

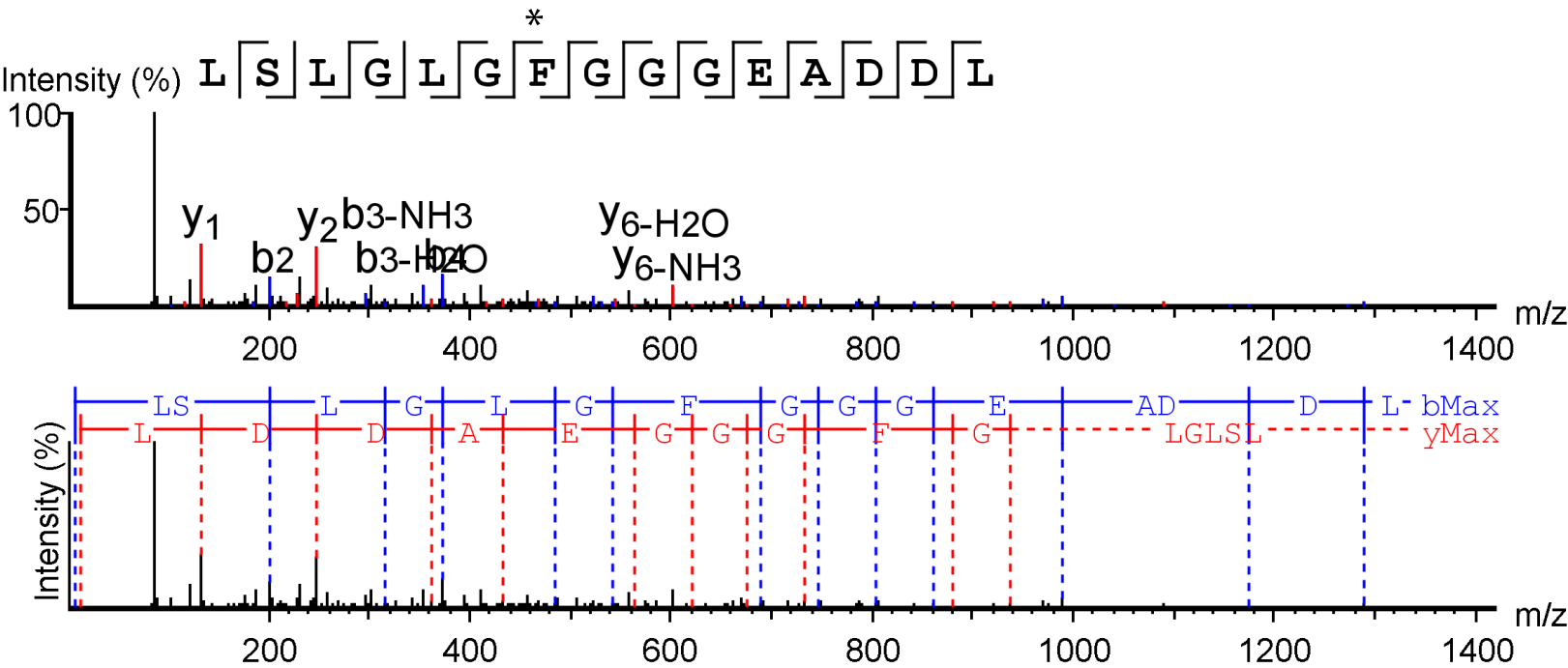
2.1 Position (AA): **172**; Mutation **E** → **Q**



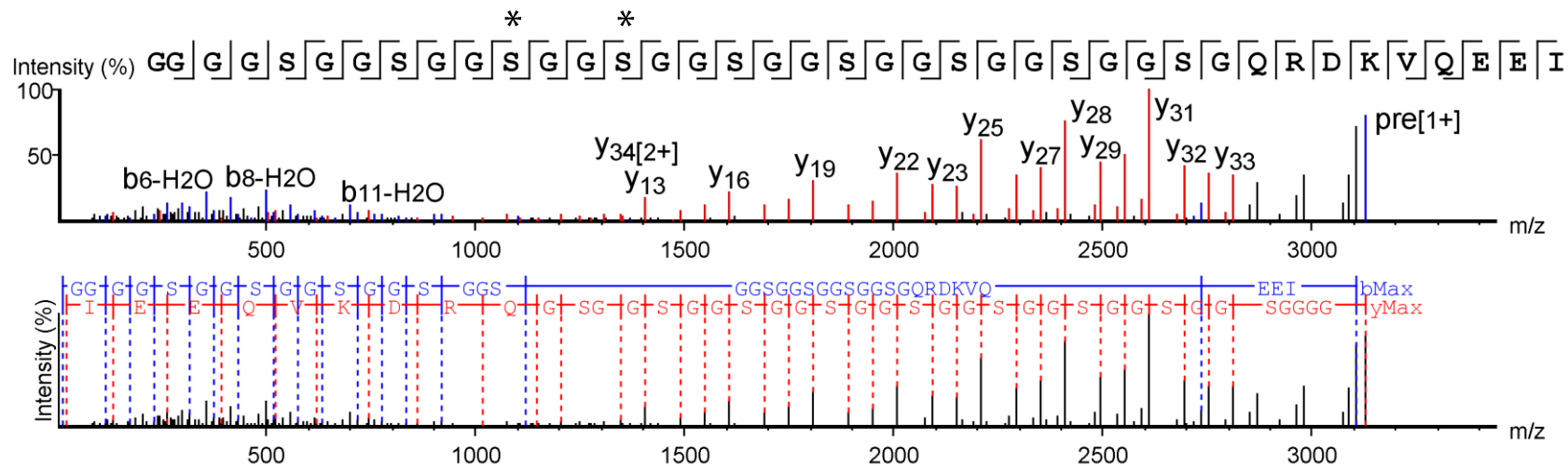
2.2 Position (AA): **310**; Mutation **I** → **F**



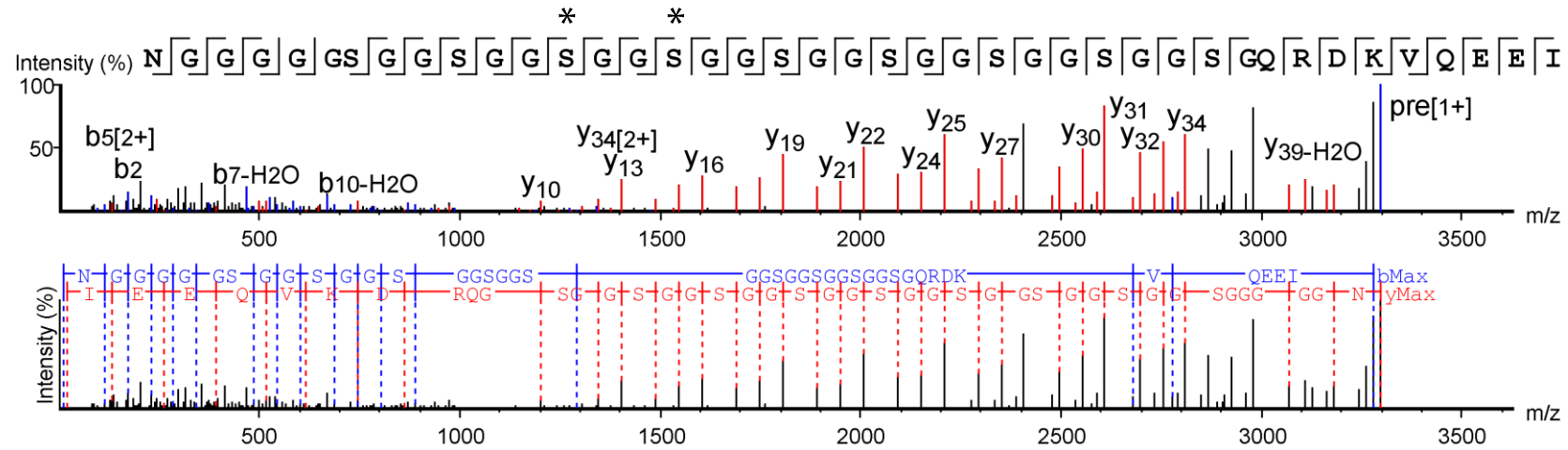
2.3 Position (AA): **310**; Mutation **I** → **F**



2.4 Position (AA): **801**; Mutation **G** → **S**
804; Mutation **A** → **S**

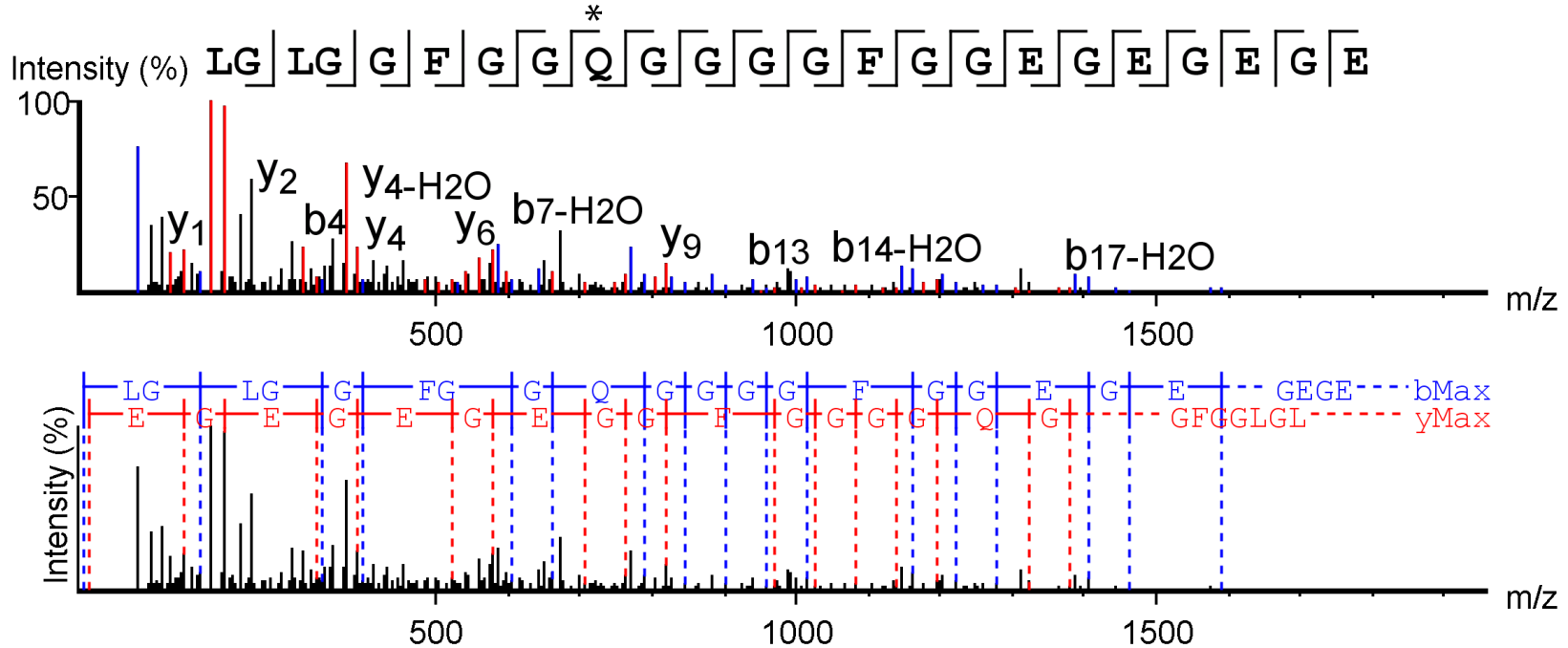


2.5 Position (AA): **801**; Mutation **G** → **S**
804; Mutation **A** → **S**

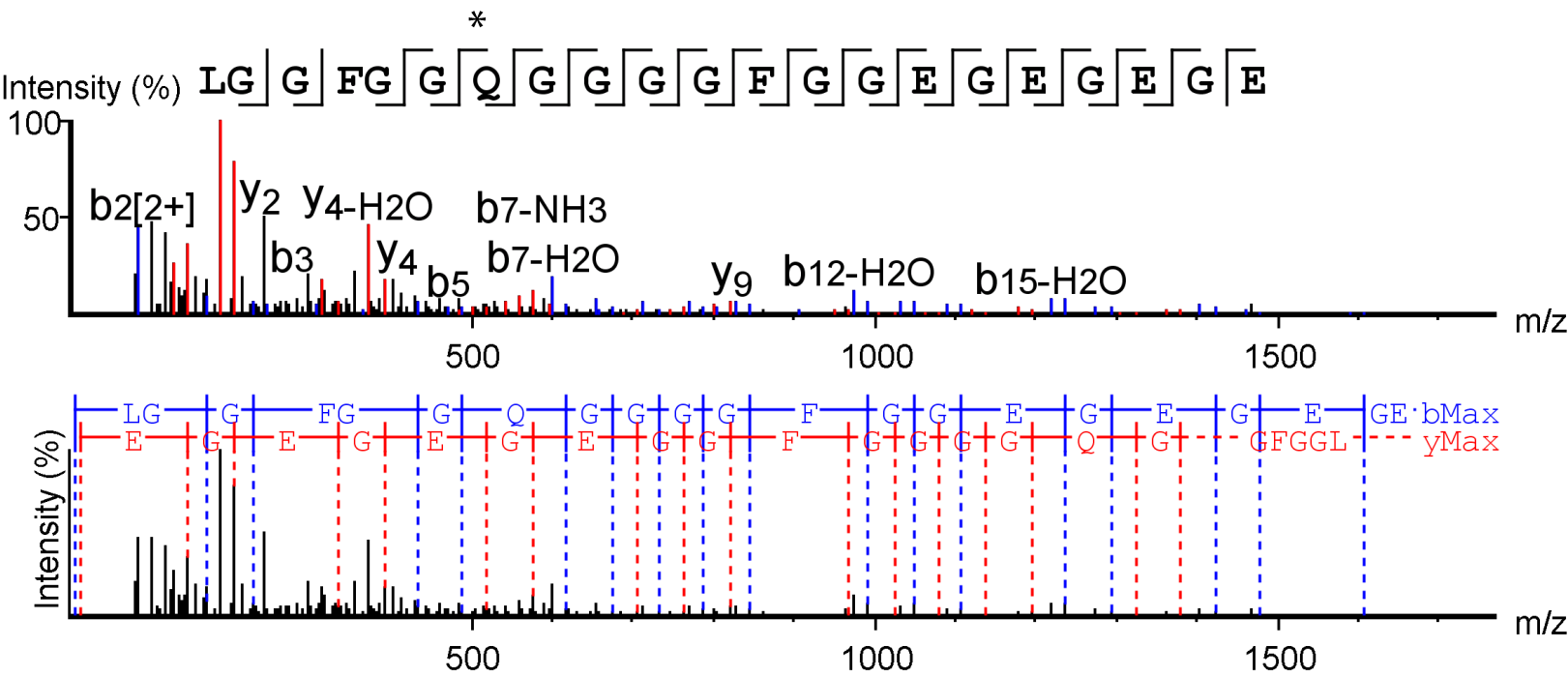


3. Hic74 [*Margaritifera margaritifera*]

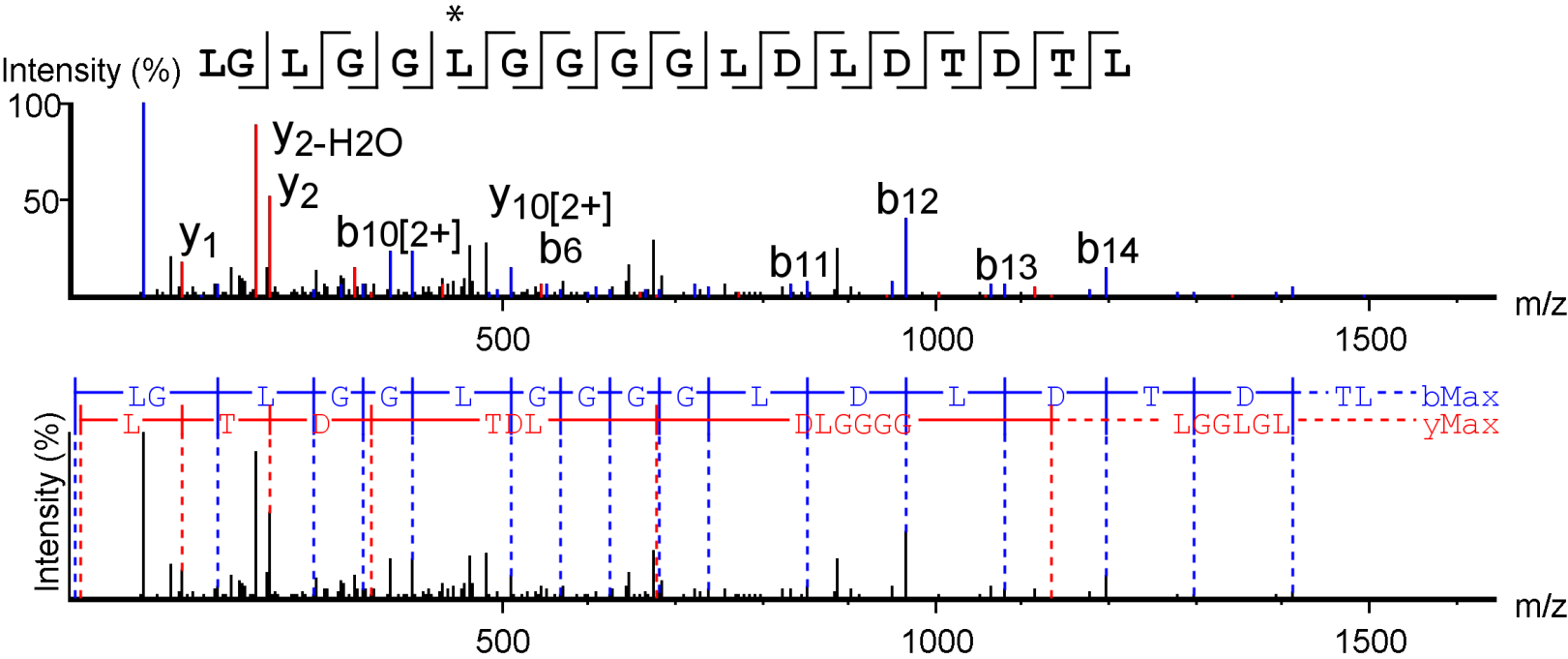
3.1 Position (AA): **172**; Mutation **E** → **Q**



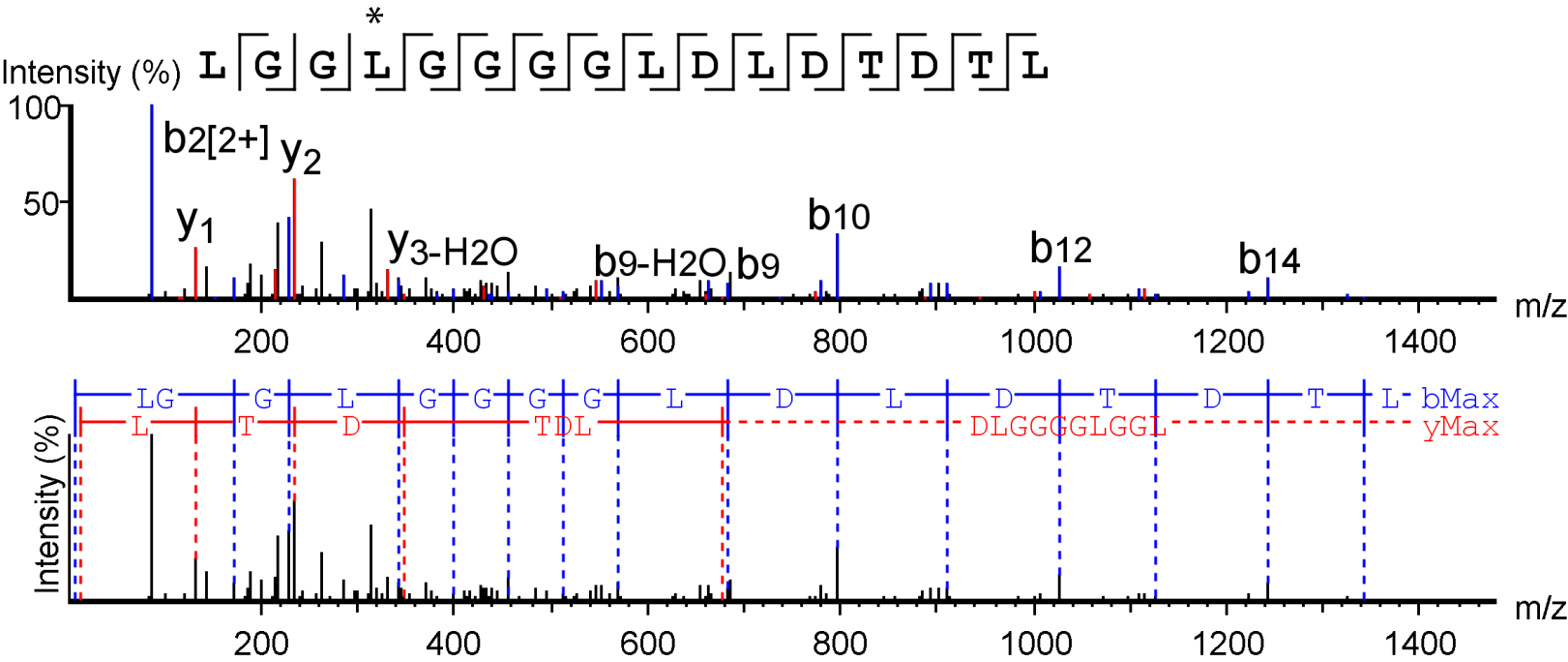
3.2 Position (AA): **172**; Mutation **E** → **Q**



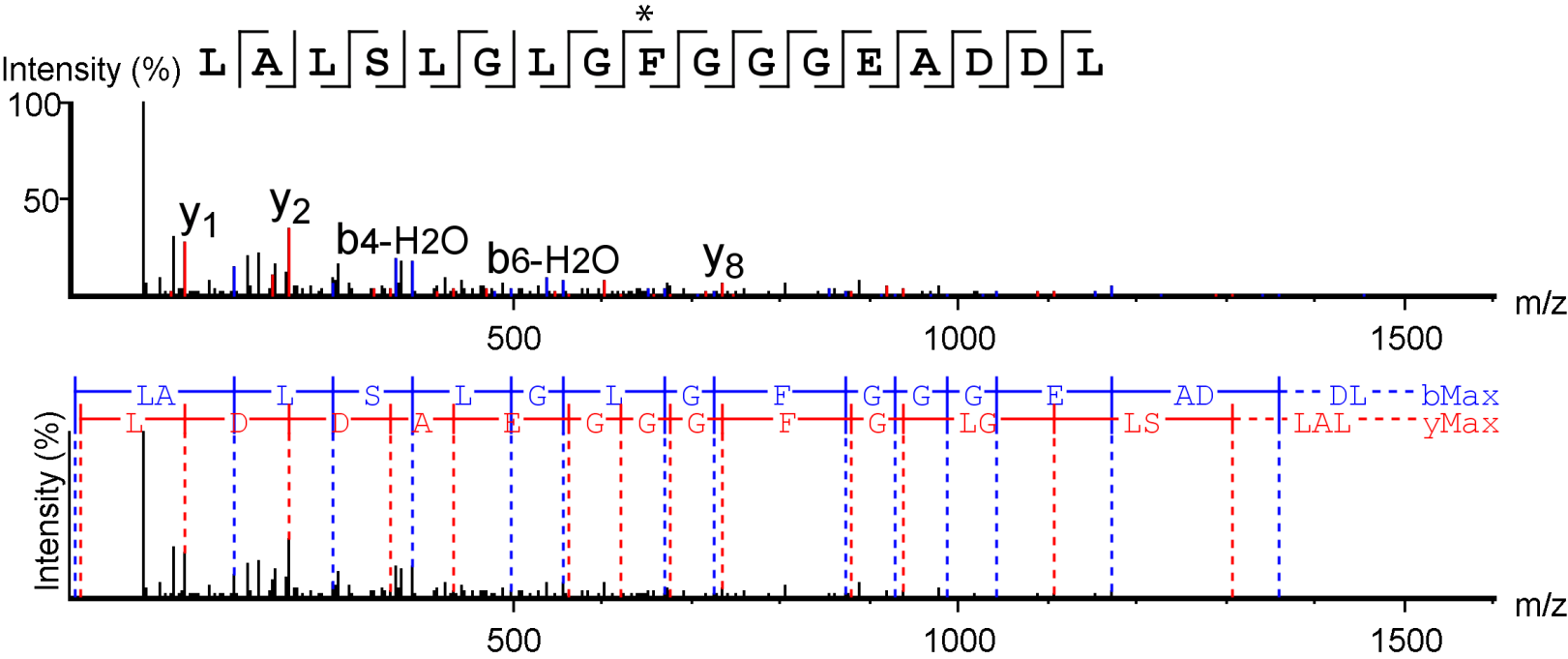
3.3 Position (AA): **289**; Mutation **V** → **L**



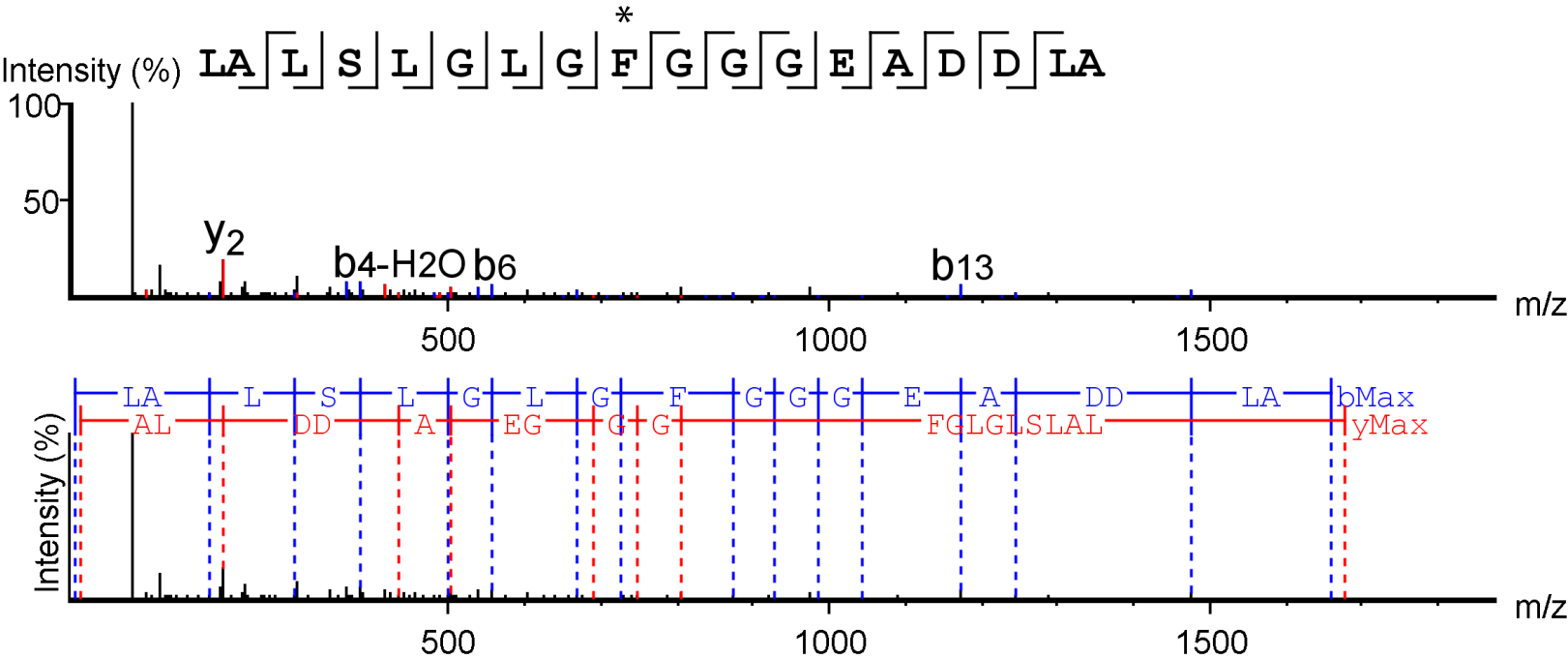
3.4 Position (AA): **289**; Mutation **V** → **L**



3.5 Position (AA): **310**; Mutation **I** → **F**

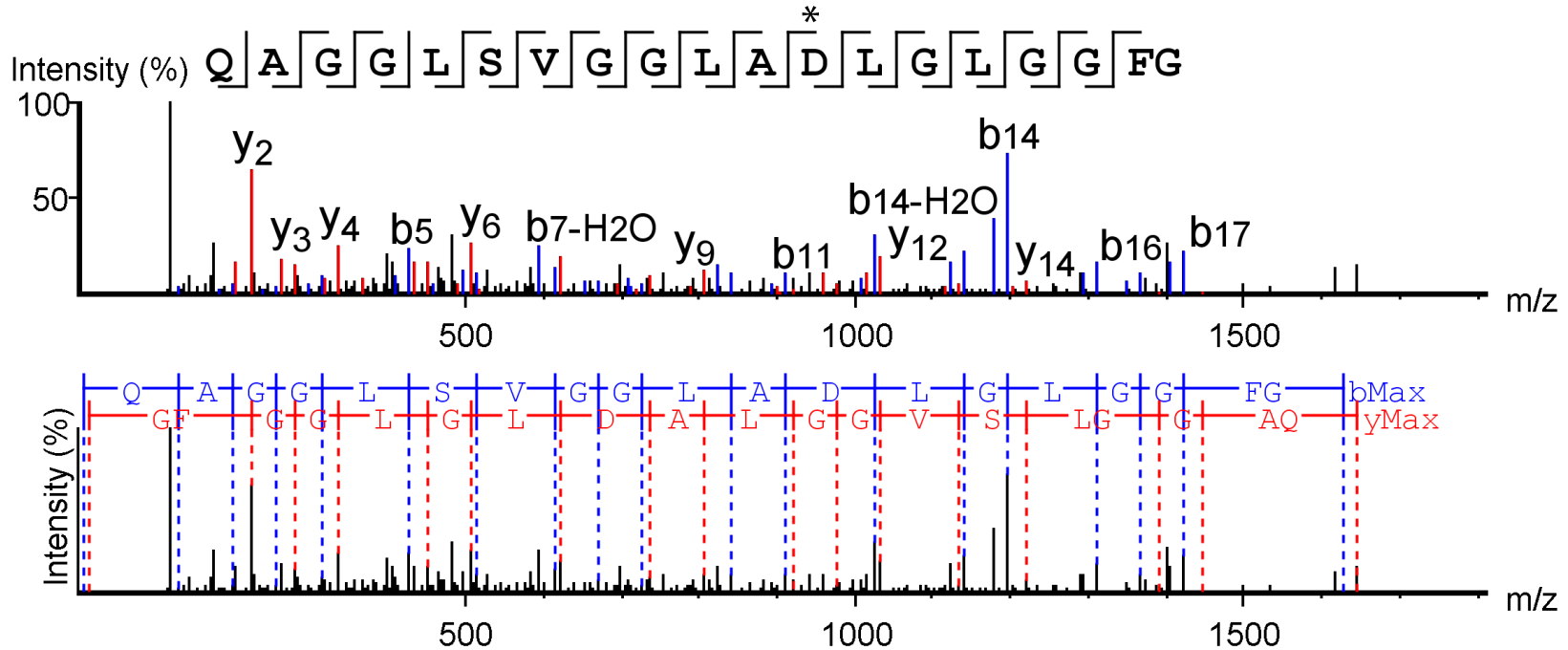


3.6 Position (AA): **310**; Mutation **I** → **F**

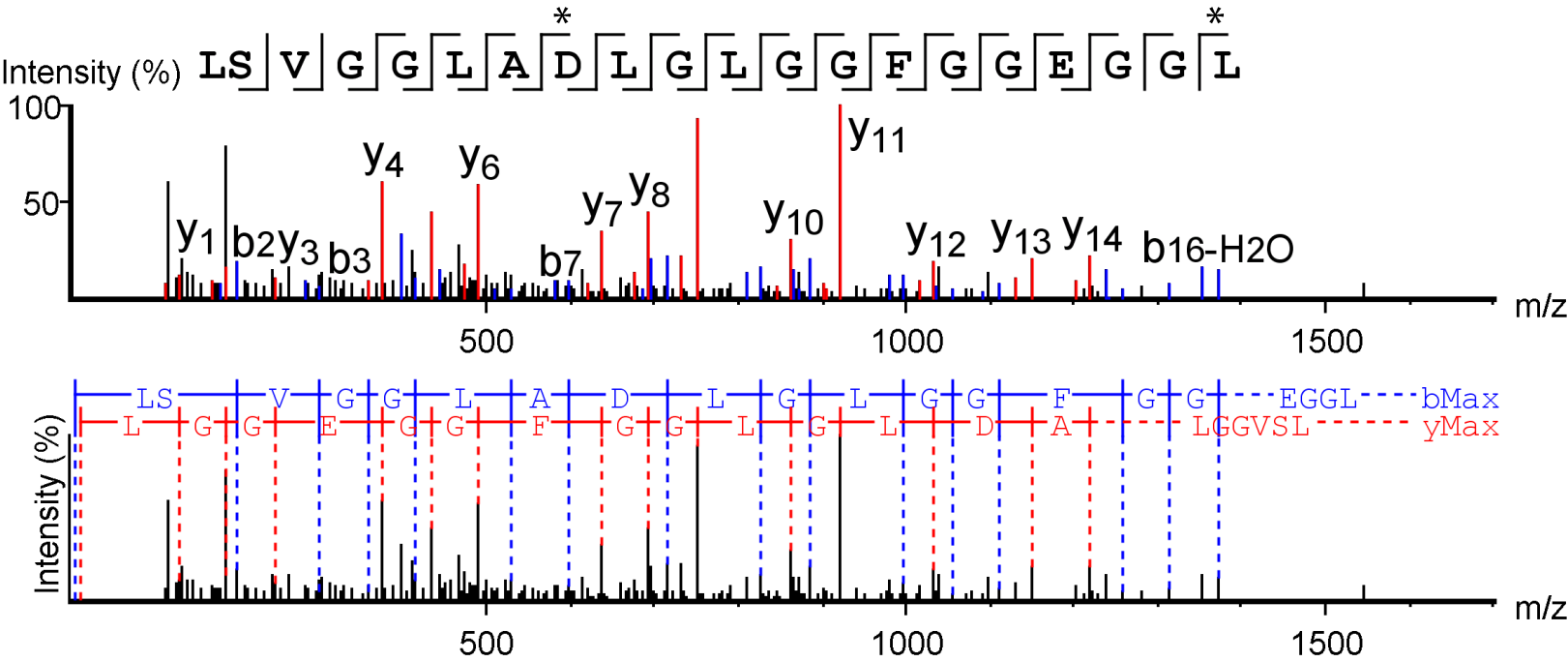


4. Hic74 [*Pseudunio auricularius*]

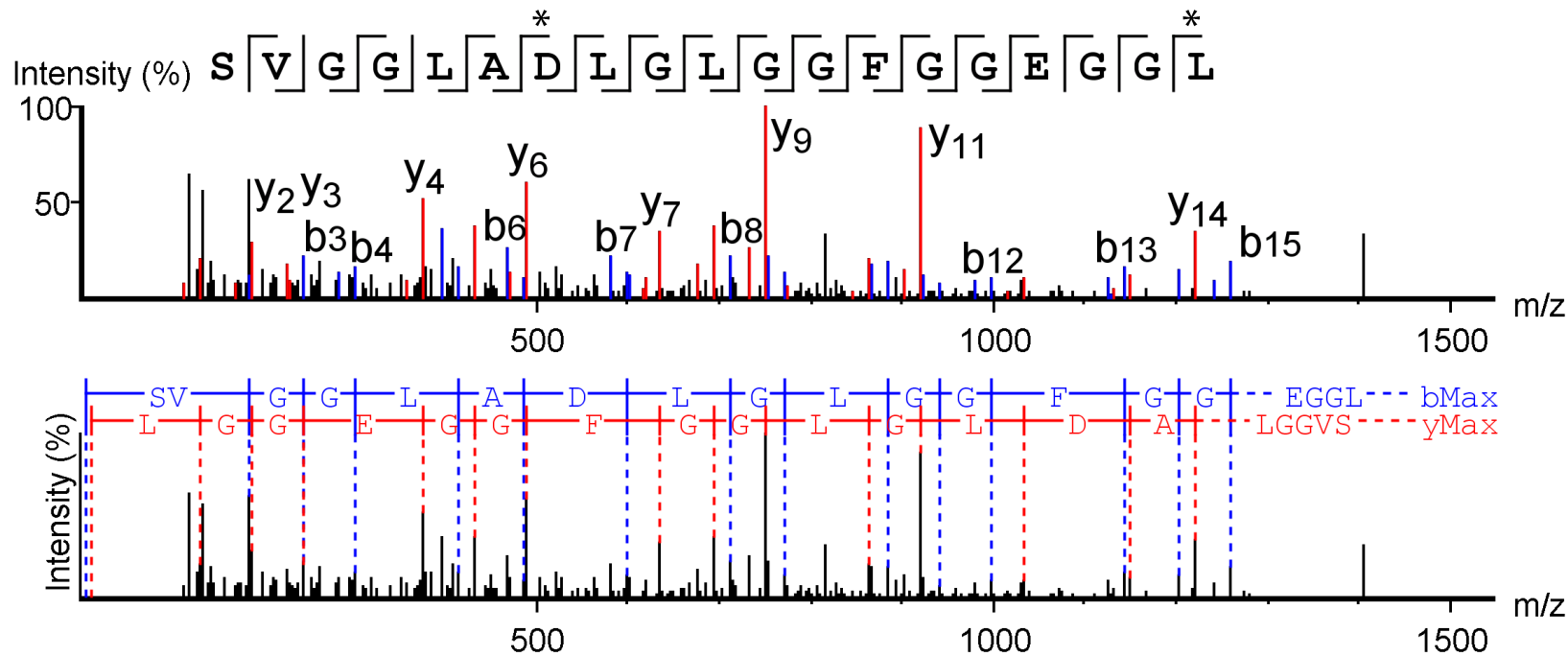
4.1 Position (AA): **163**; Mutation **S** → **D**



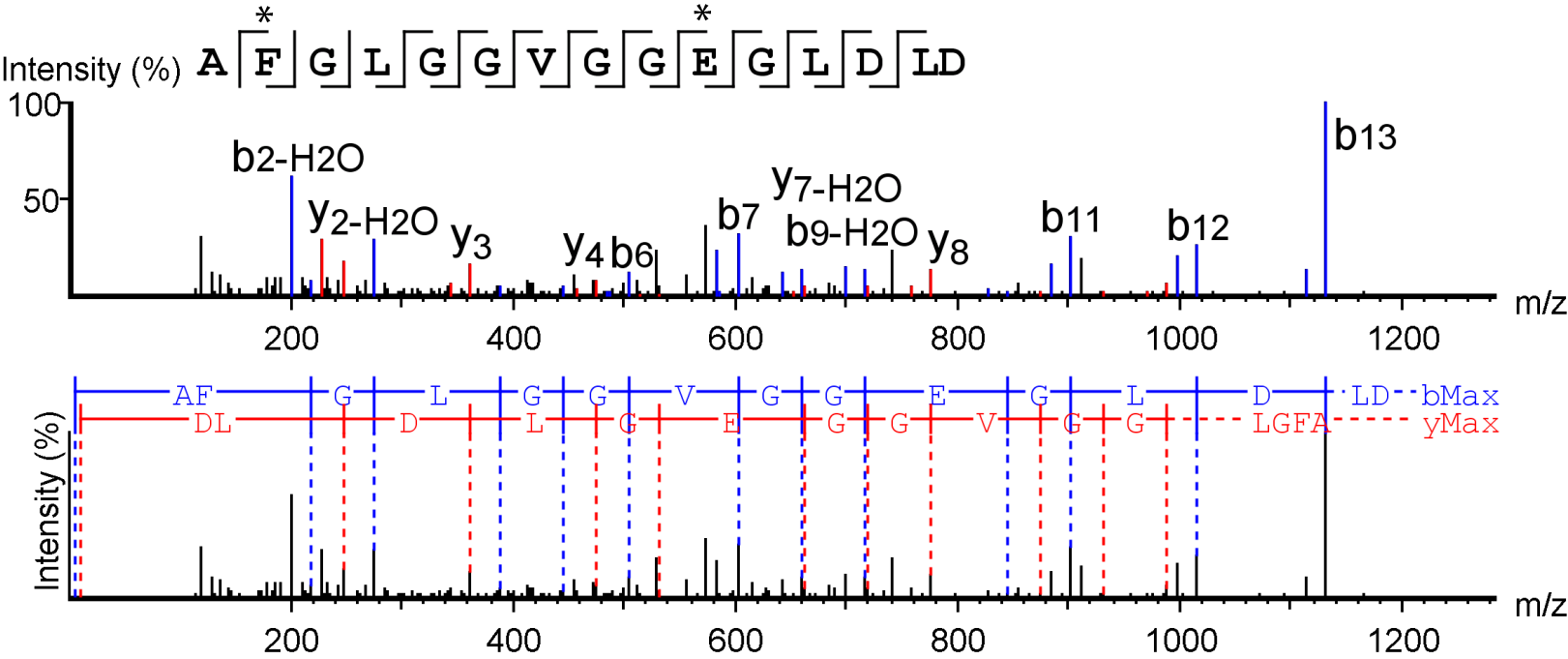
4.2 Position (AA): **163**; Mutation **S** → **D**
175; Mutation **G** → **L**



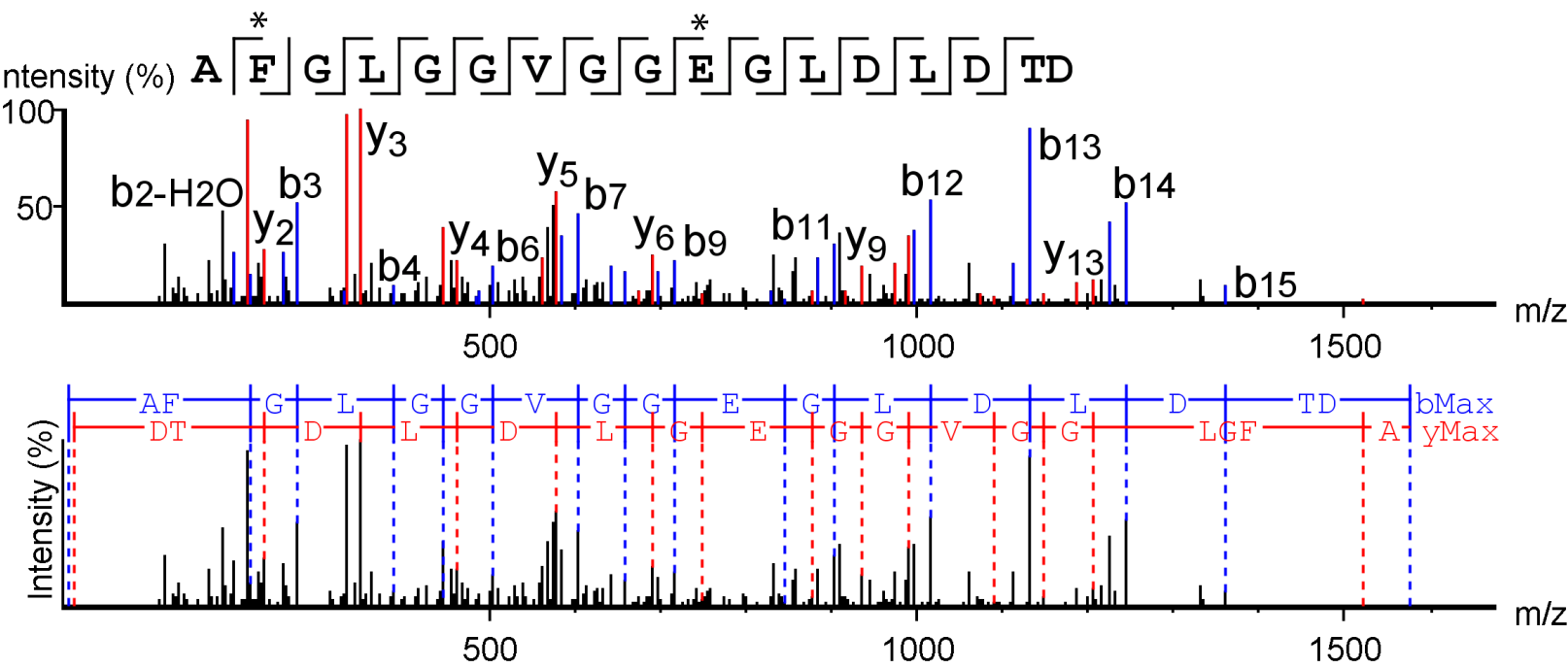
4.3 Position (AA): **163**; Mutation **S** → **D**
175; Mutation **G** → **L**



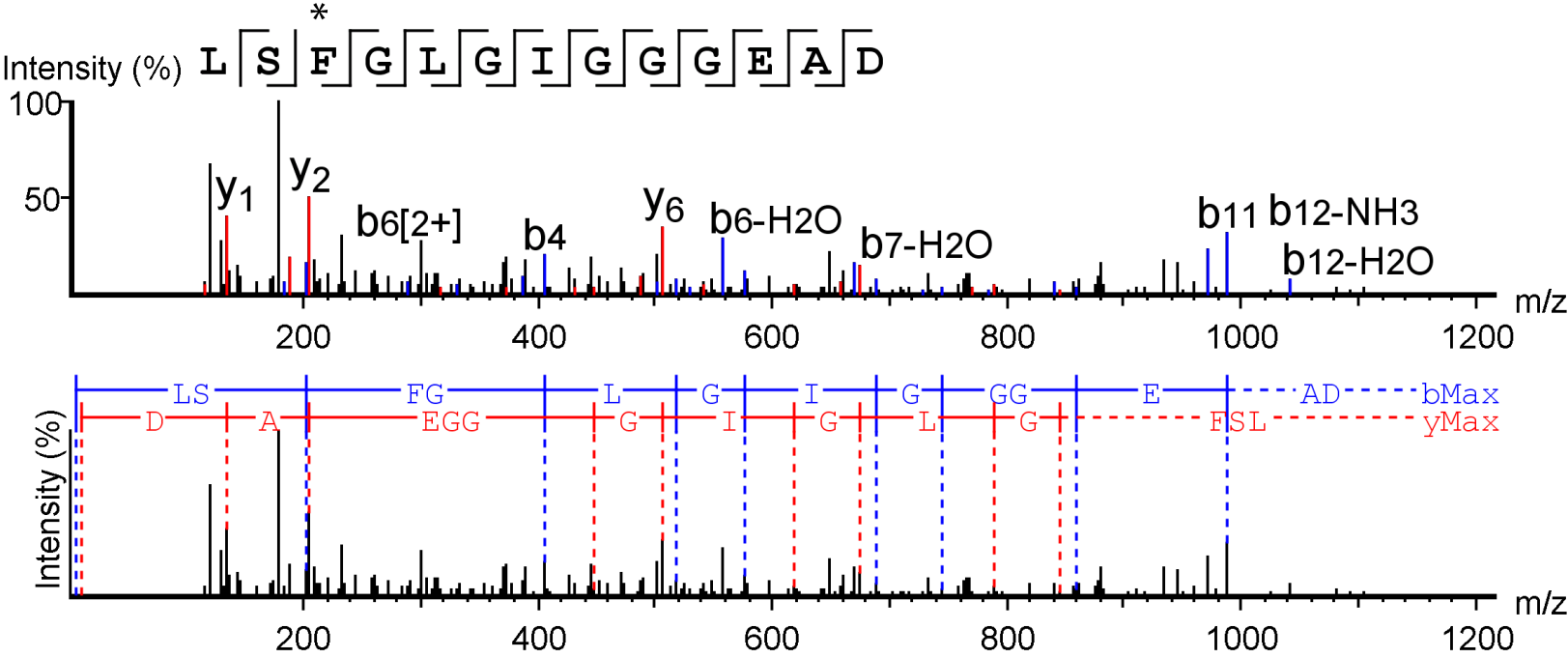
4.4 Position (AA): **284**; Mutation **L** → **F**
292; Mutation **G** → **E**



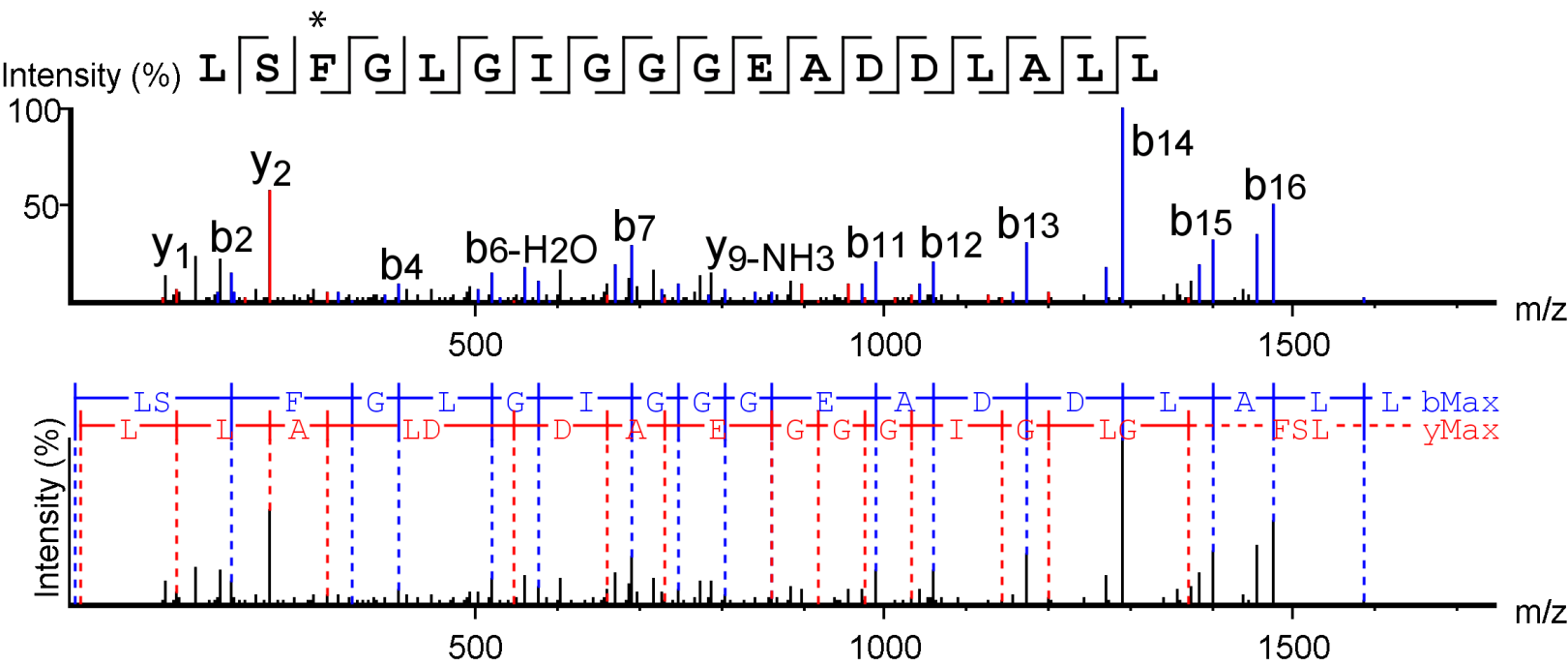
4.5 Position (AA): **284**; Mutation **L** → **F**
292; Mutation **G** → **E**



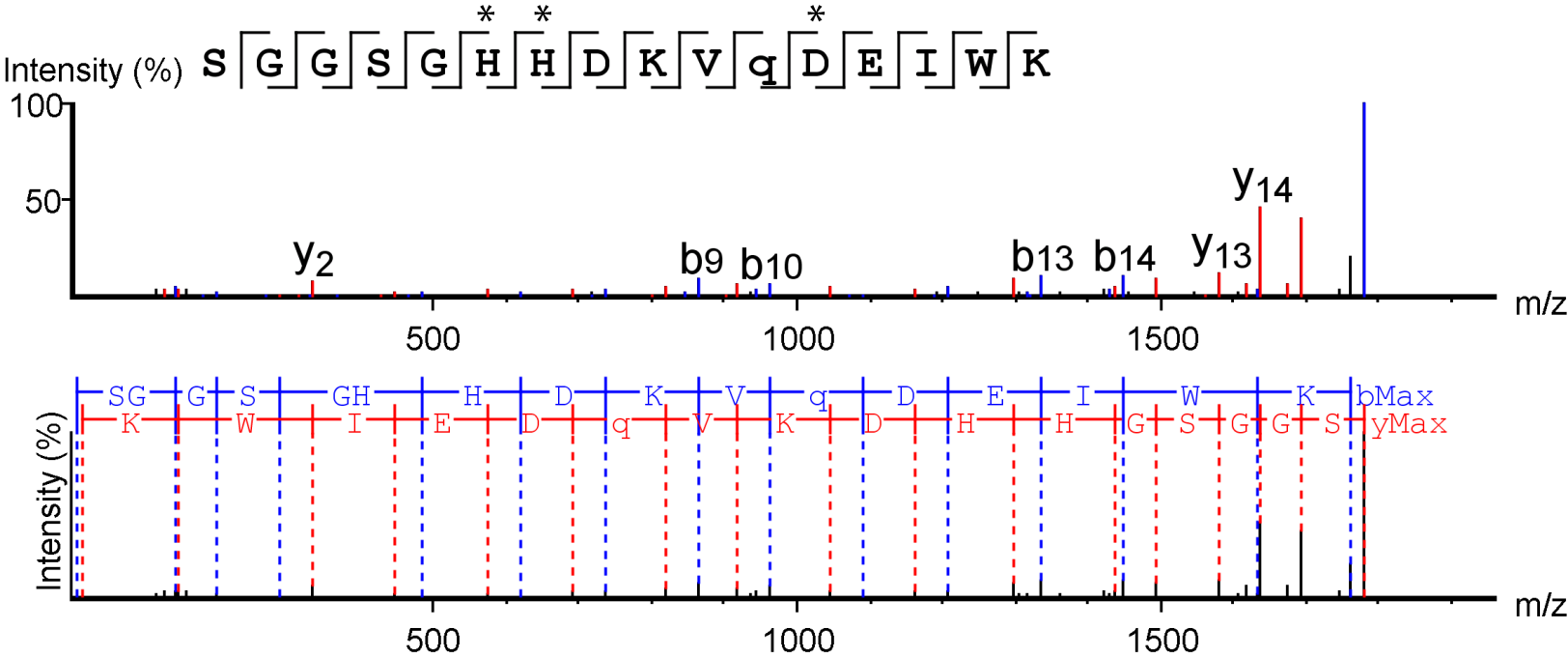
4.6 Position (AA): **306**; Mutation **L** → **F**



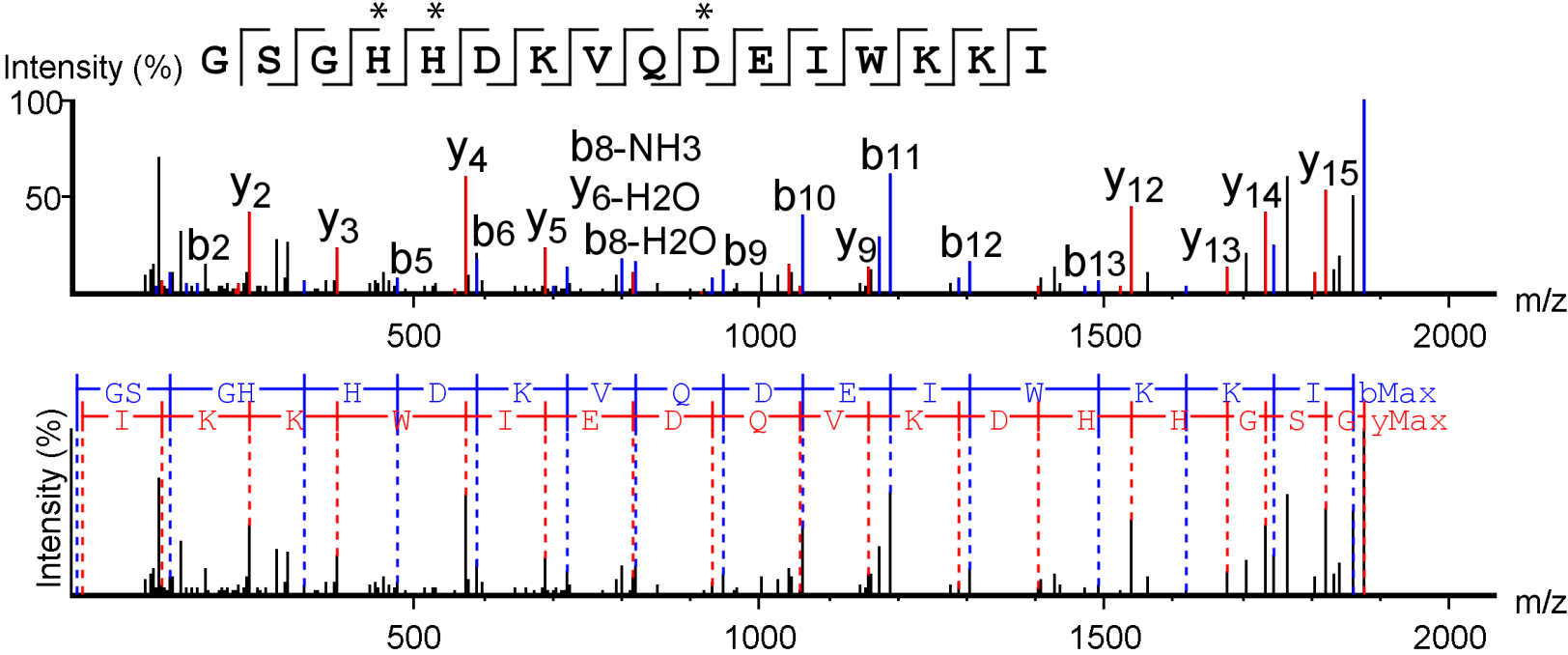
4.7 Position (AA): **306**; Mutation **L** → **F**



4.8 Position (AA): **821**; Mutation **Q** → **H**
822; Mutation **R** → **H**
827; Mutation **E** → **D**

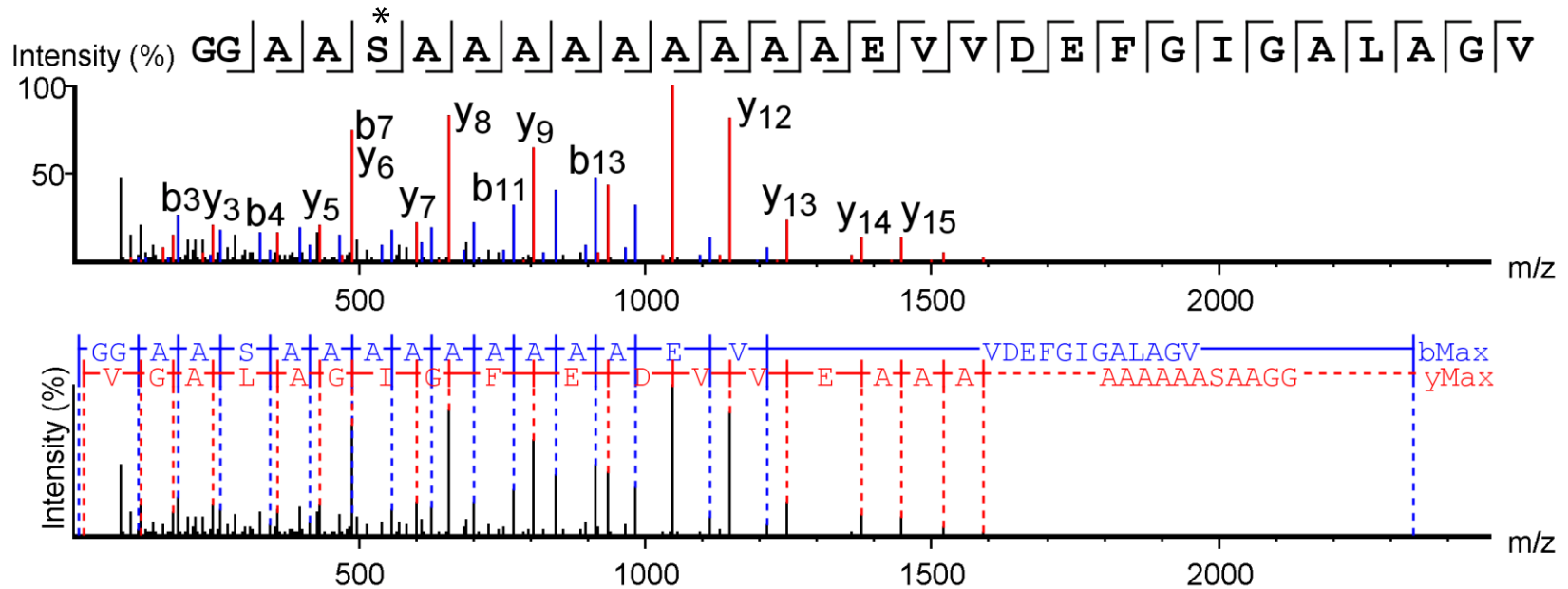


4.9 Position (AA): **821**; Mutation **Q** → **H**
822; Mutation **R** → **H**
827; Mutation **E** → **D**

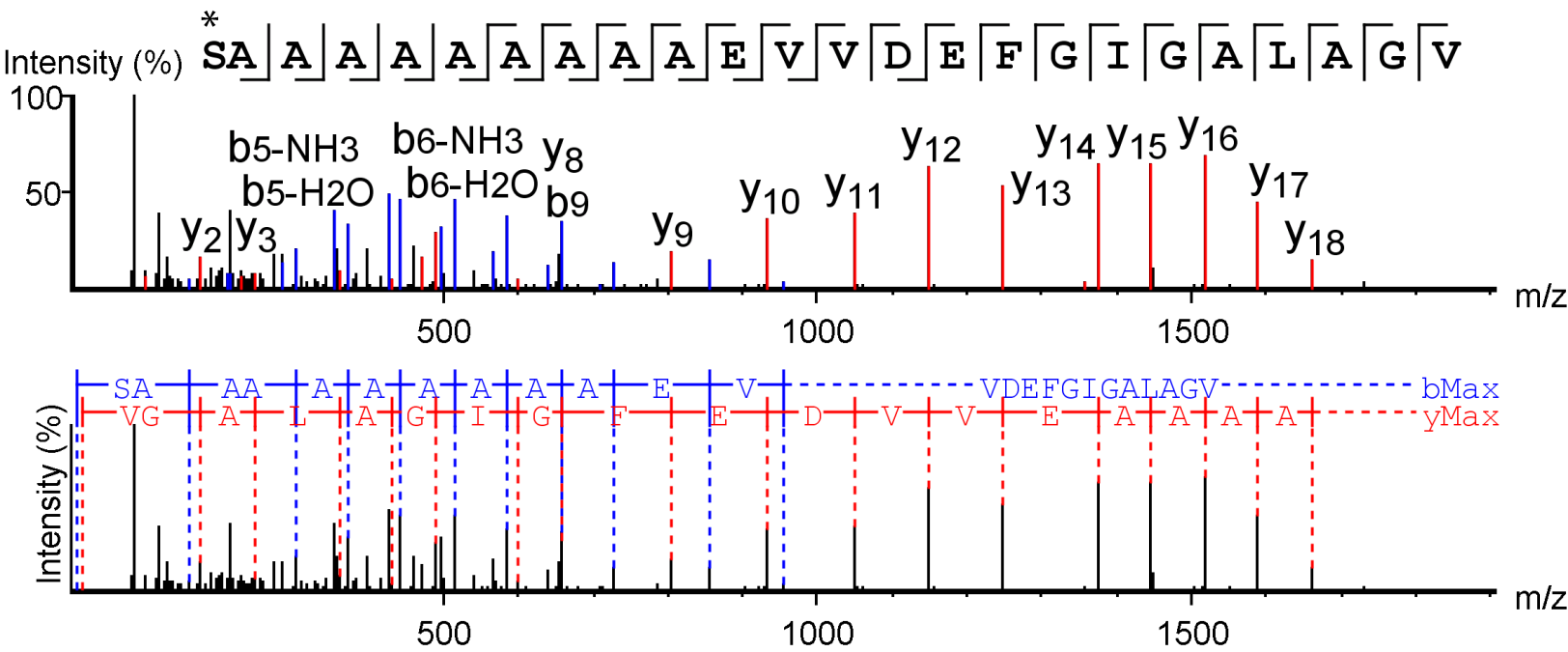


5. Hic74 [HavA]

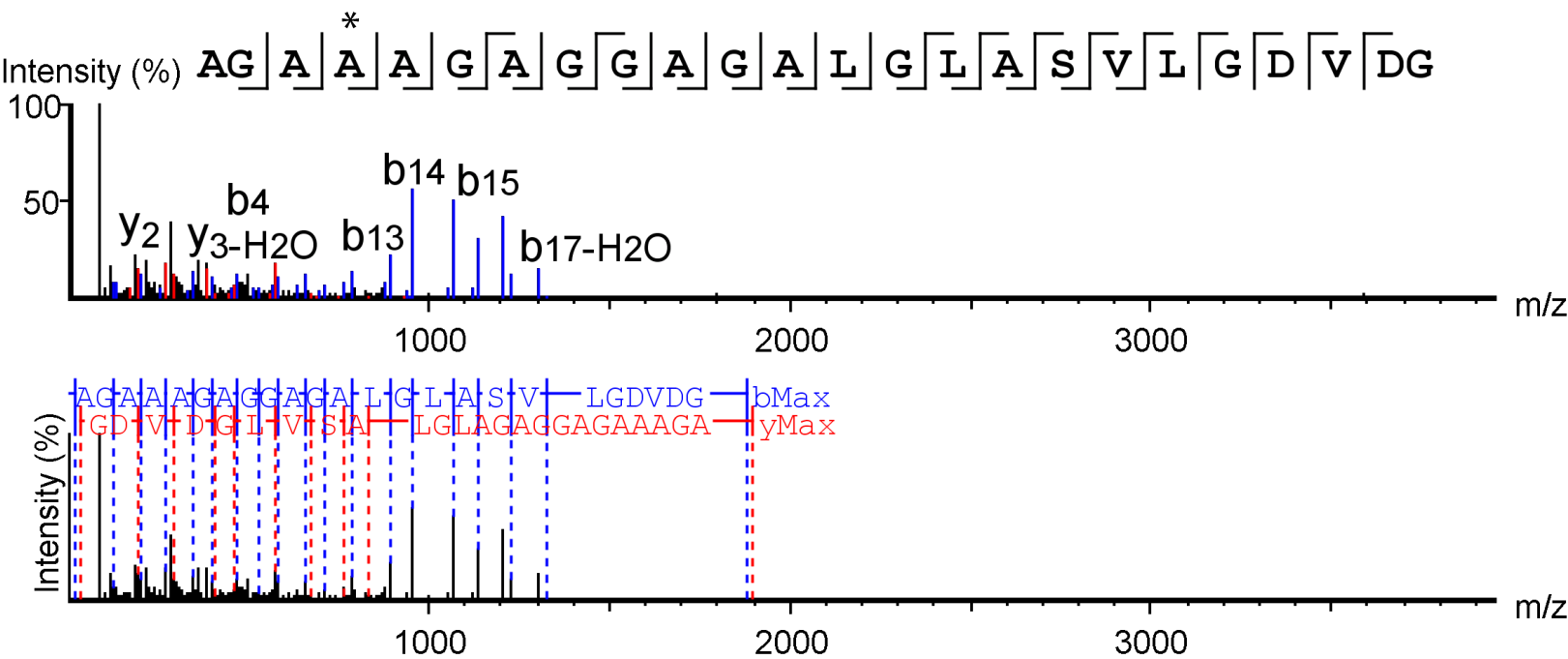
5.1 Position (AA): **85**; Mutation **A** → **S**



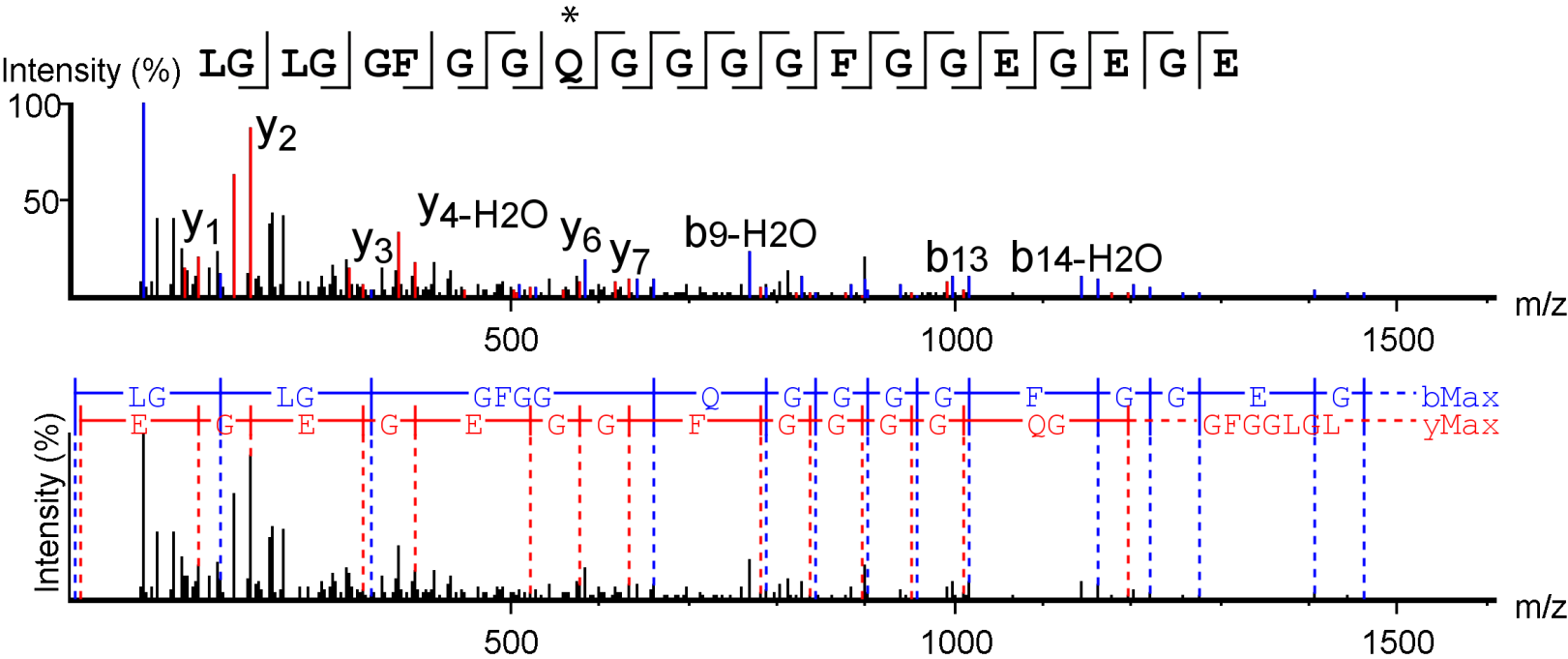
5.2 Position (AA): **85**; Mutation **A** → **S**



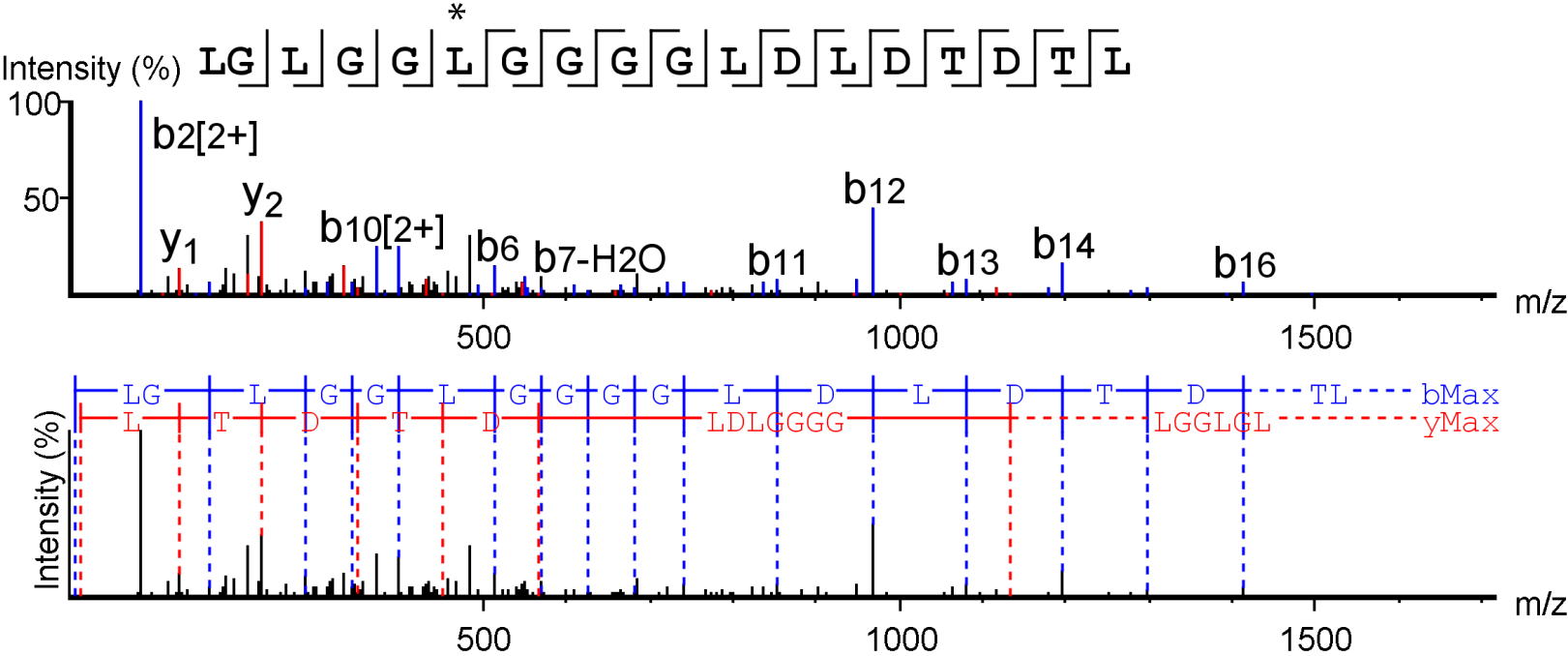
5.4 Position (AA): **111**; Mutation **G** → **A**



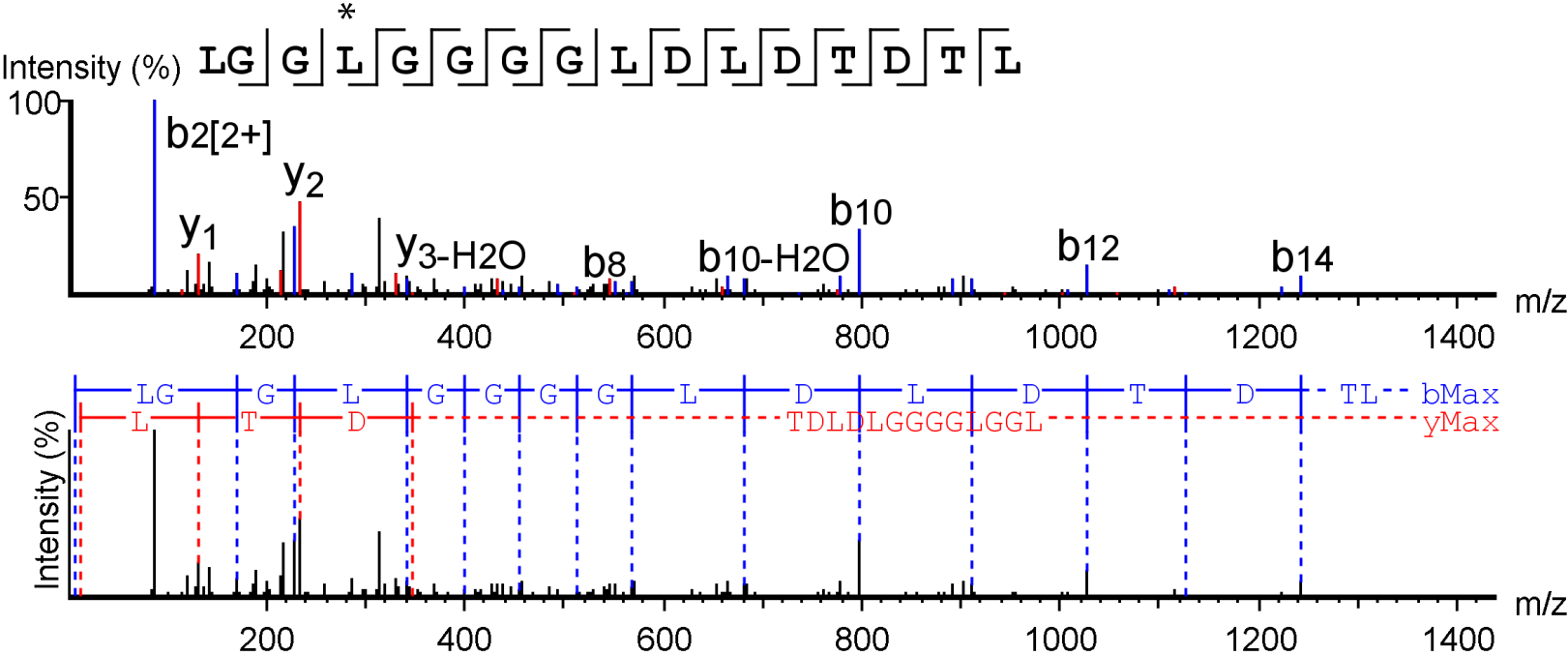
5.5 Position (AA): **172**; Mutation **E** → **Q**



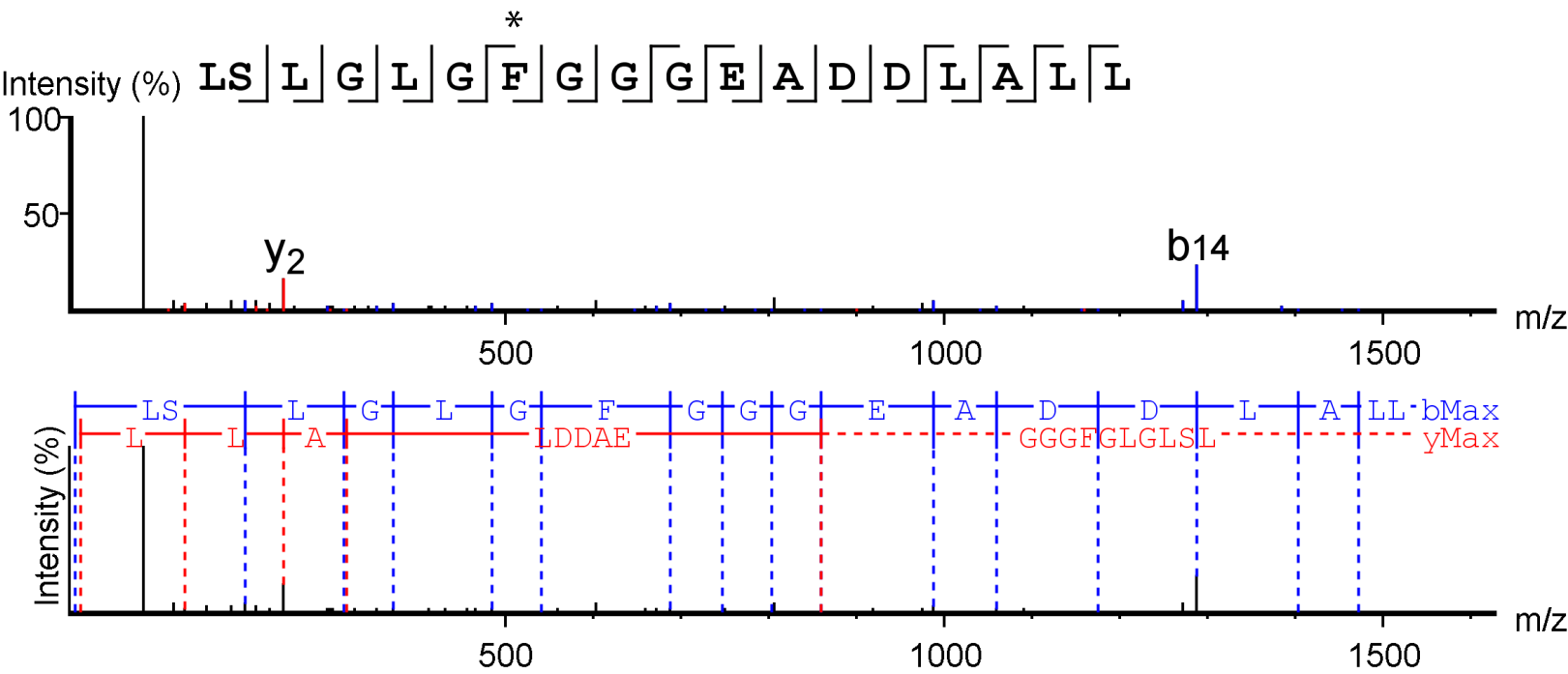
5.6 Position (AA): **289**; Mutation **V** → **L**



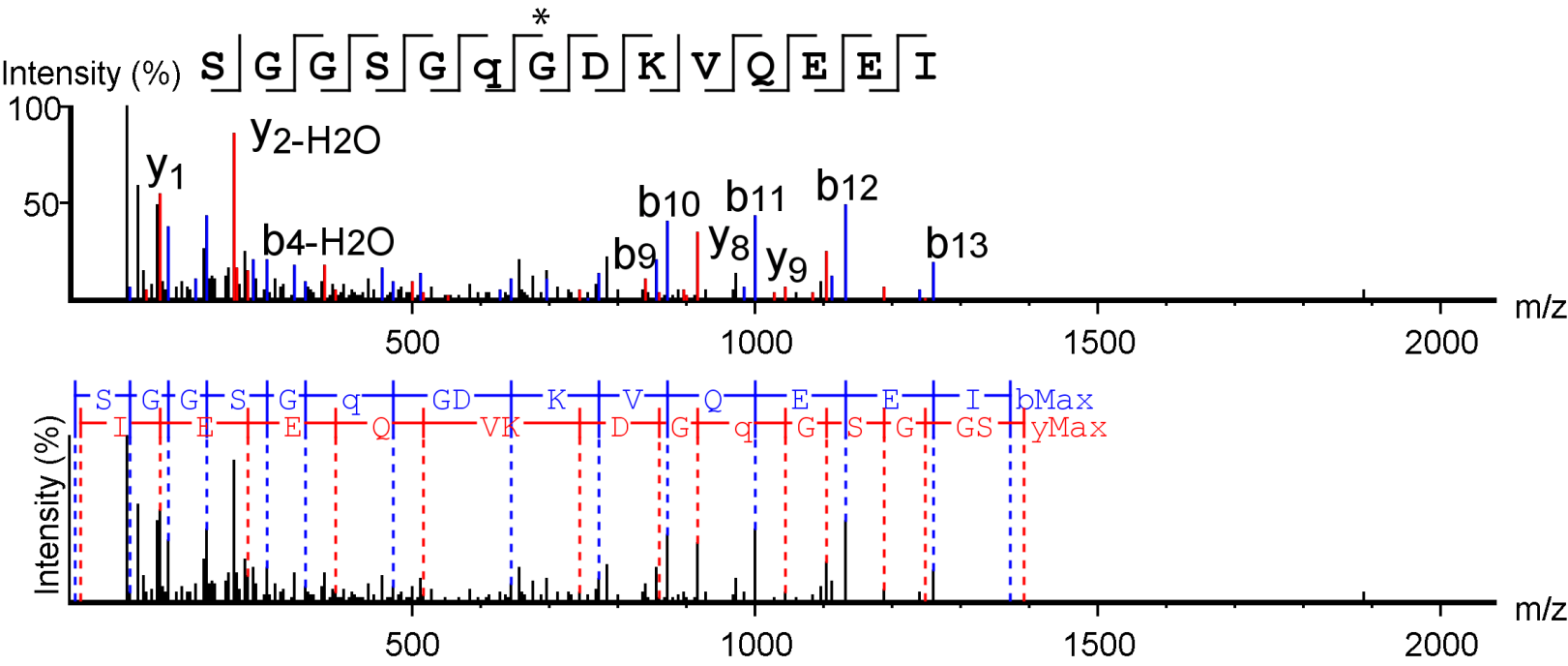
5.7 Position (AA): **289**; Mutation **V** → **L**



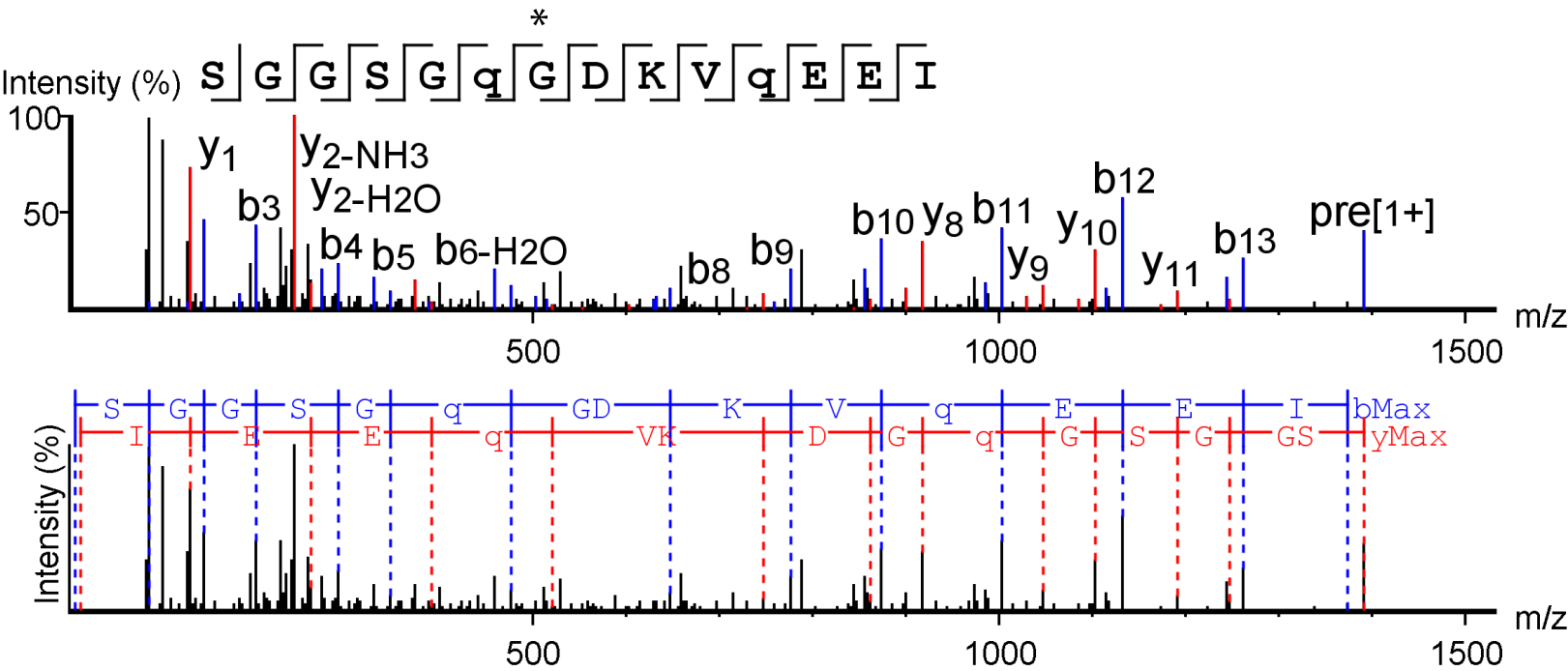
5.8 Position (AA): **310**; Mutation **I** → **F**



5.9 Position (AA): **822**; Mutation **R** → **G**

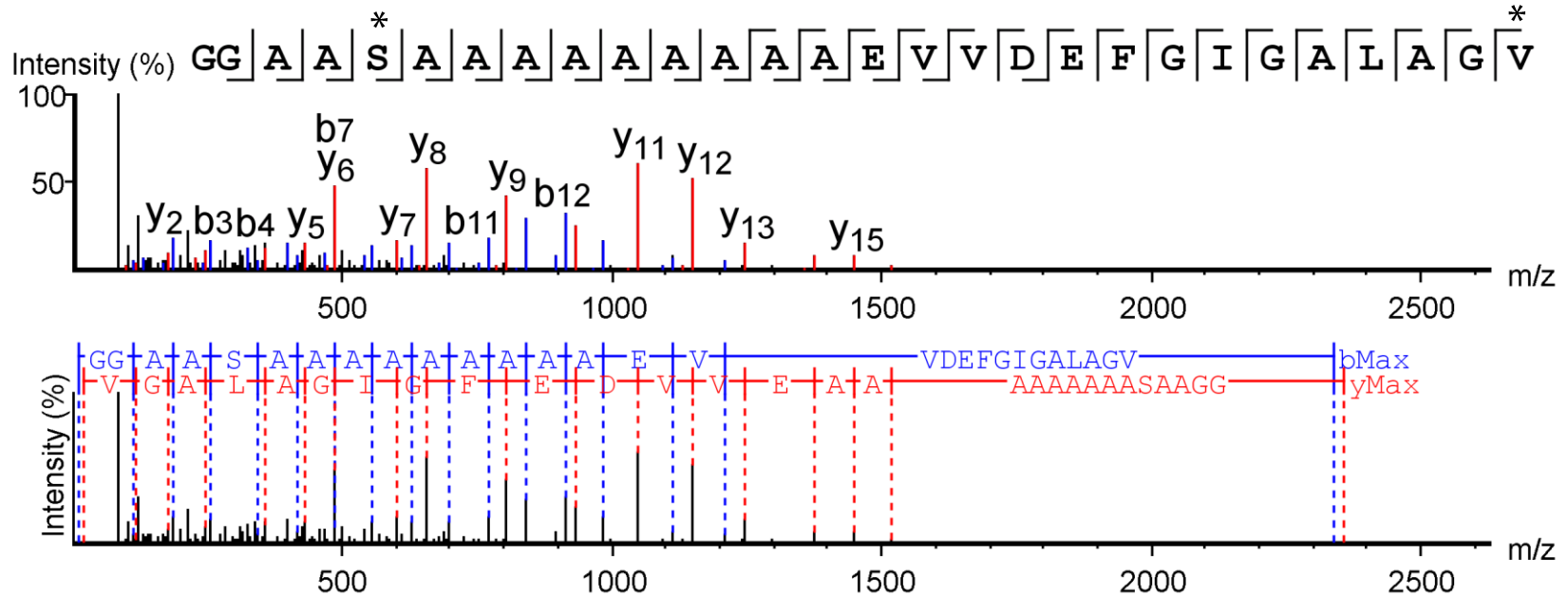


5.10 Position (AA): **822**; Mutation **R** → **G**

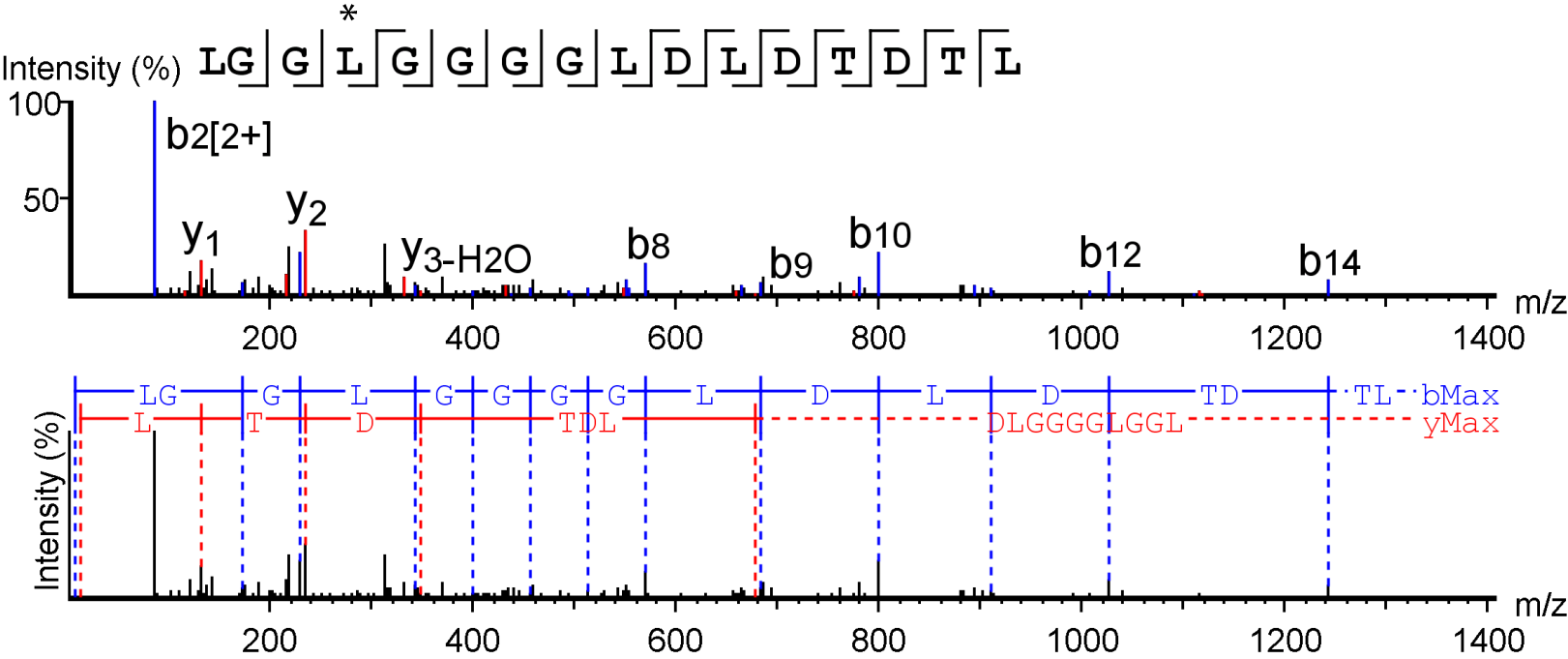


6. Hic74 [HavB]

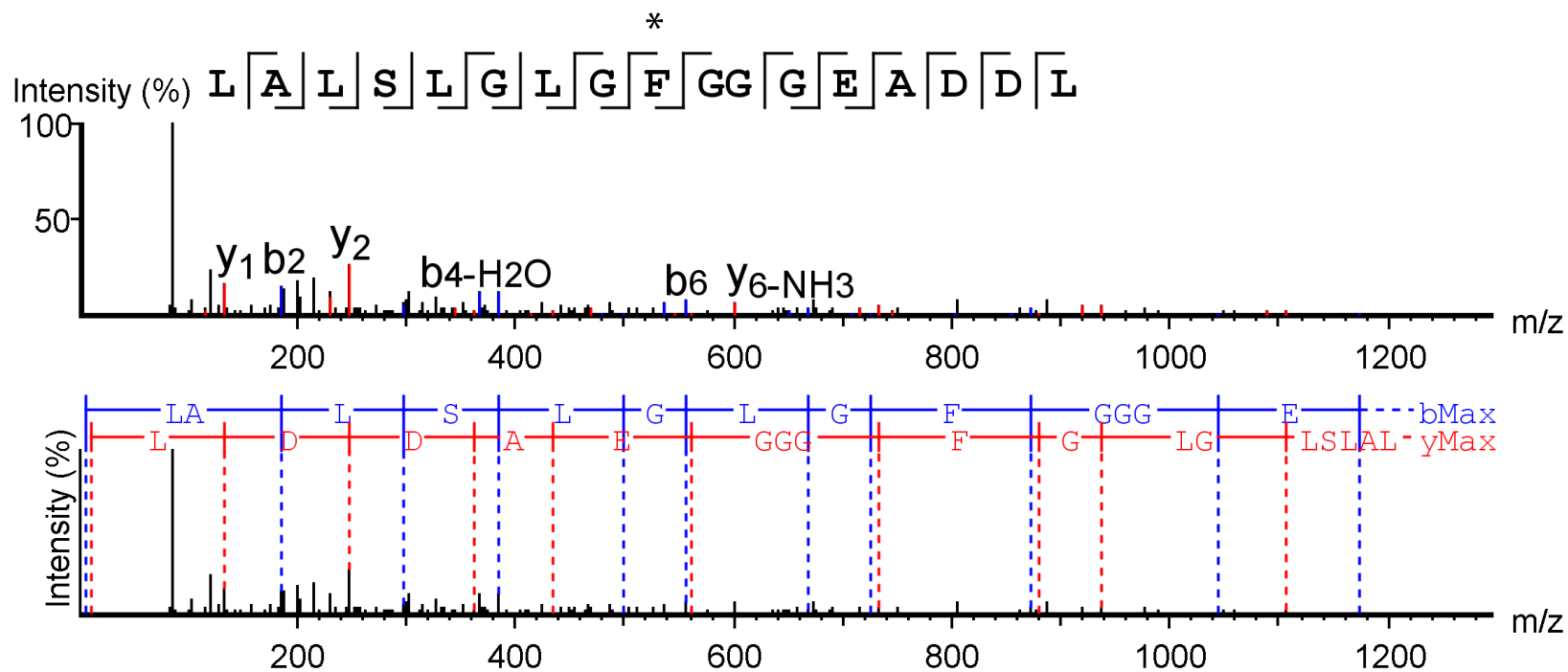
6.1 Position (AA): **85**; Mutation **A** → **S**
108; Mutation **A** → **V**



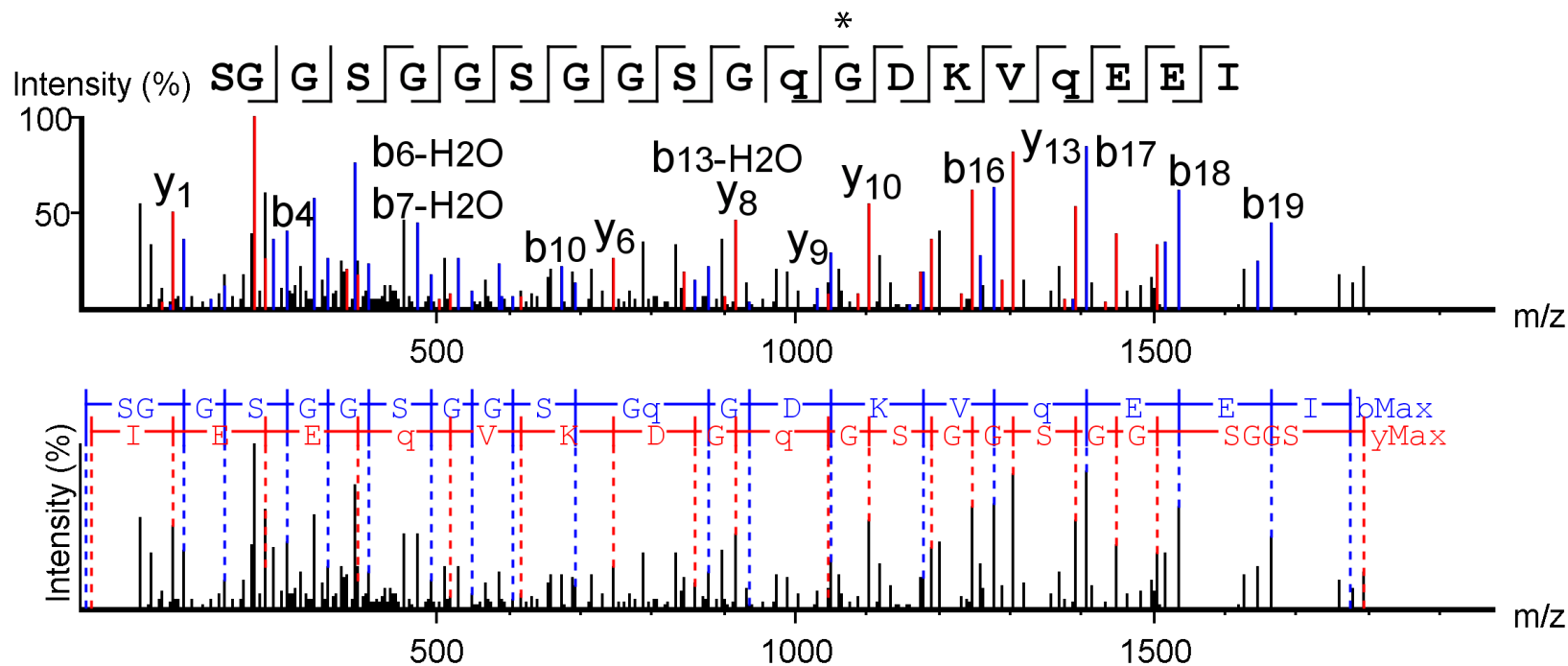
6.2 Position (AA): **289**; Mutation **V** → **L**



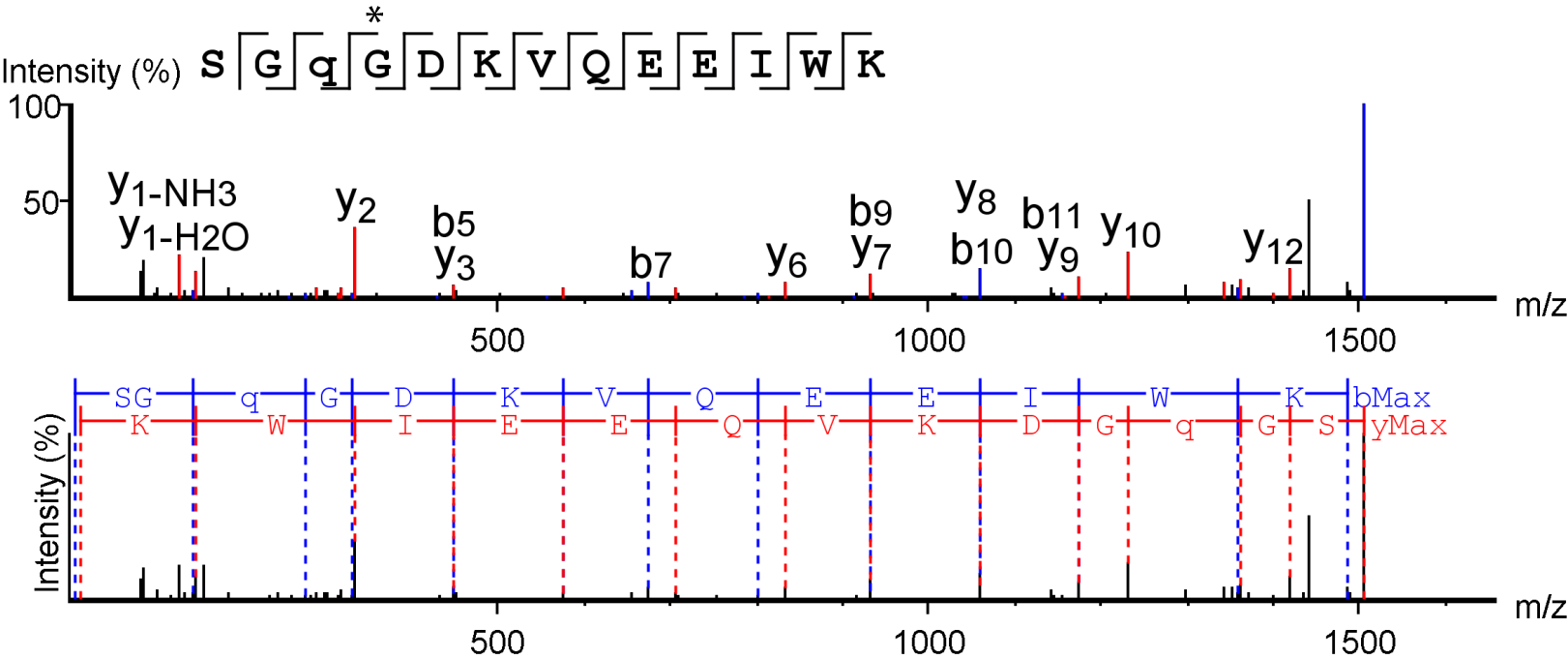
6.3 Position (AA): **310**; Mutation **I** → **F**



6.4 Position (AA): **822**; Mutation **R** → **G**

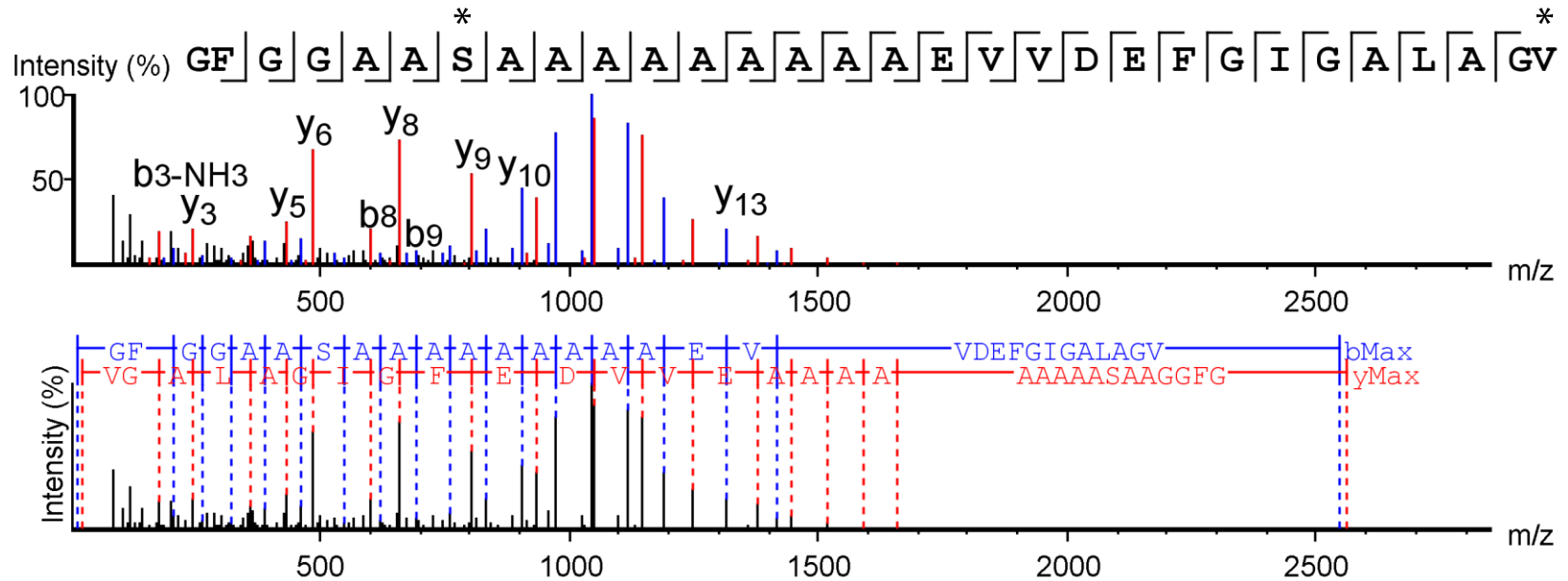


6.5 Position (AA): **822**; Mutation **R** → **G**

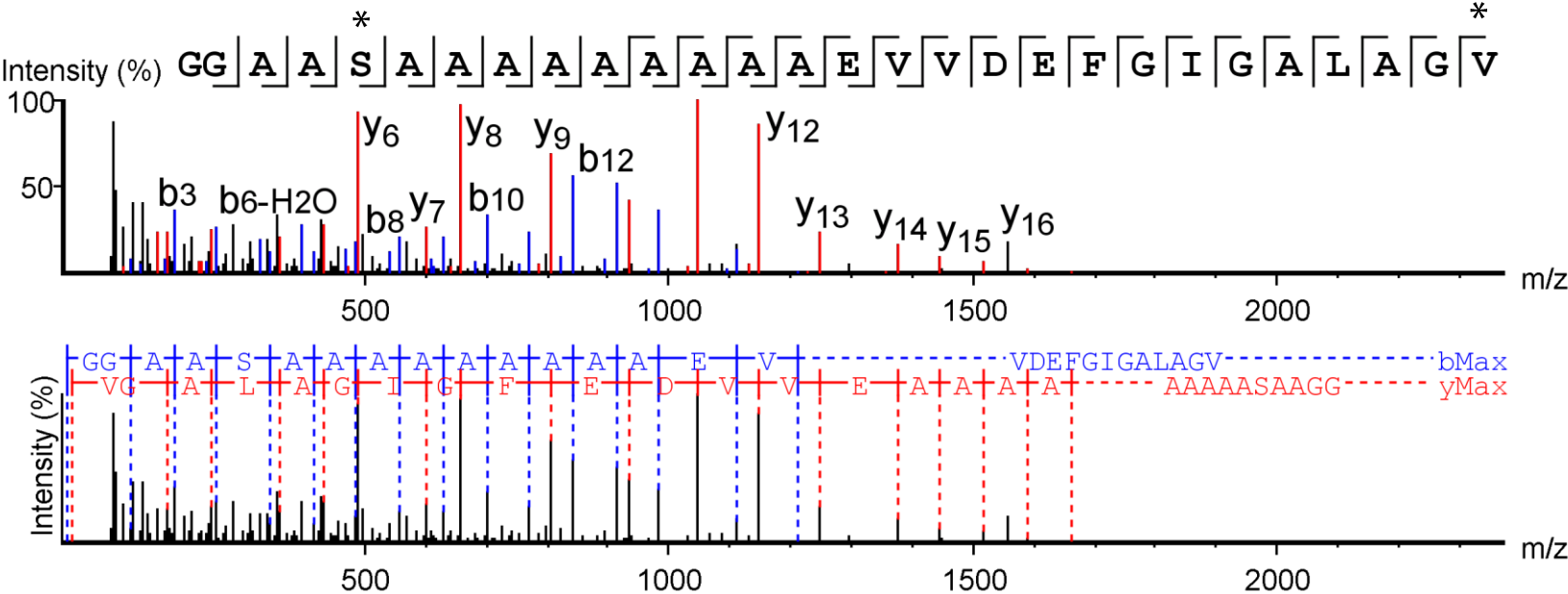


7. Hic74 [HavC]

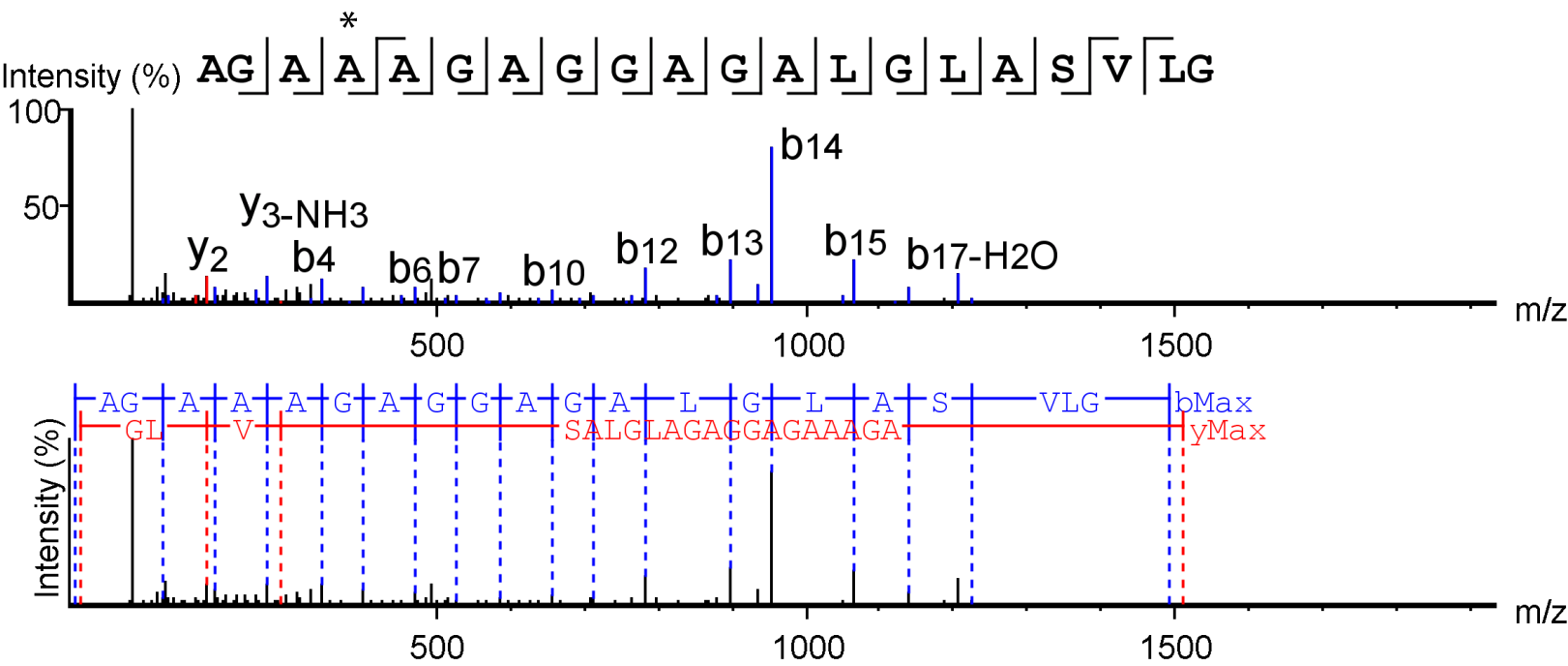
7.1 Position (AA): **85**; Mutation **A** → **S**
108; Mutation **A** → **V**



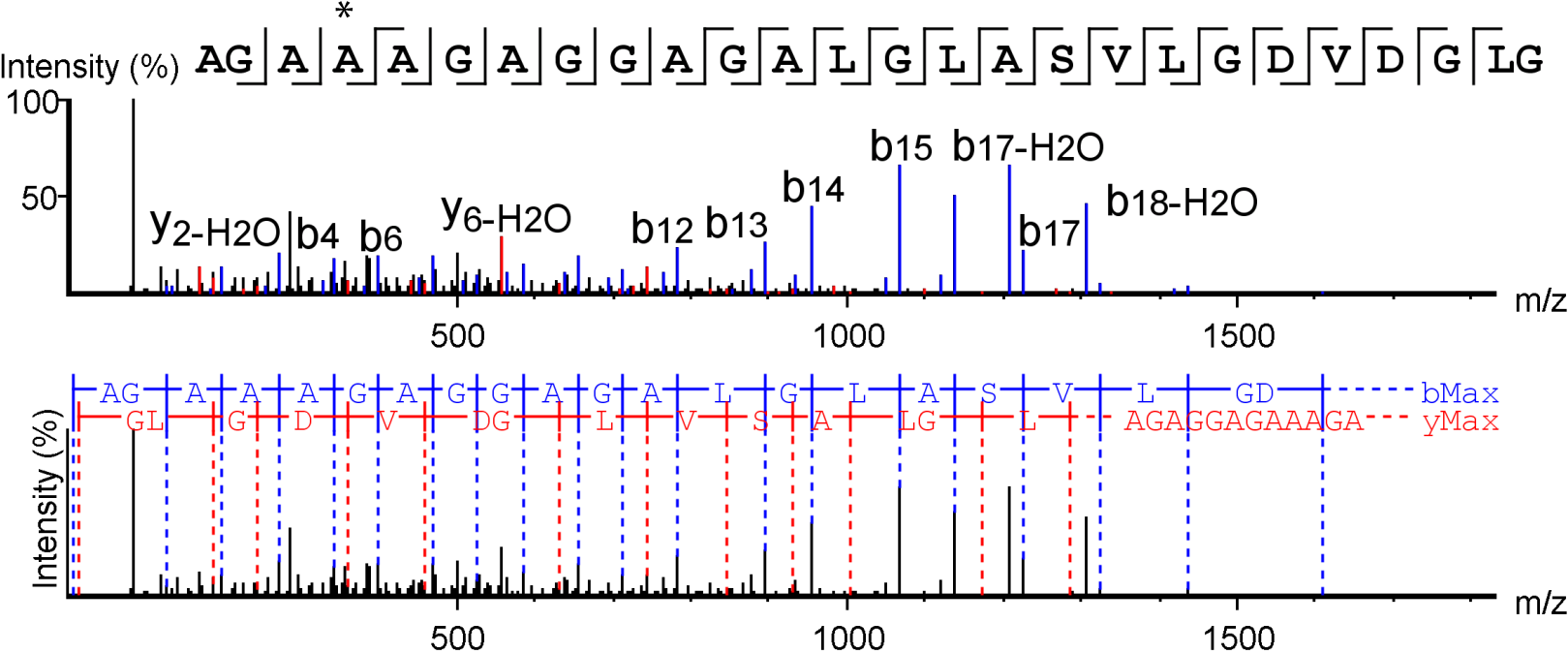
7.2 Position (AA): **85**; Mutation **A** → **S**
108; Mutation **A** → **V**



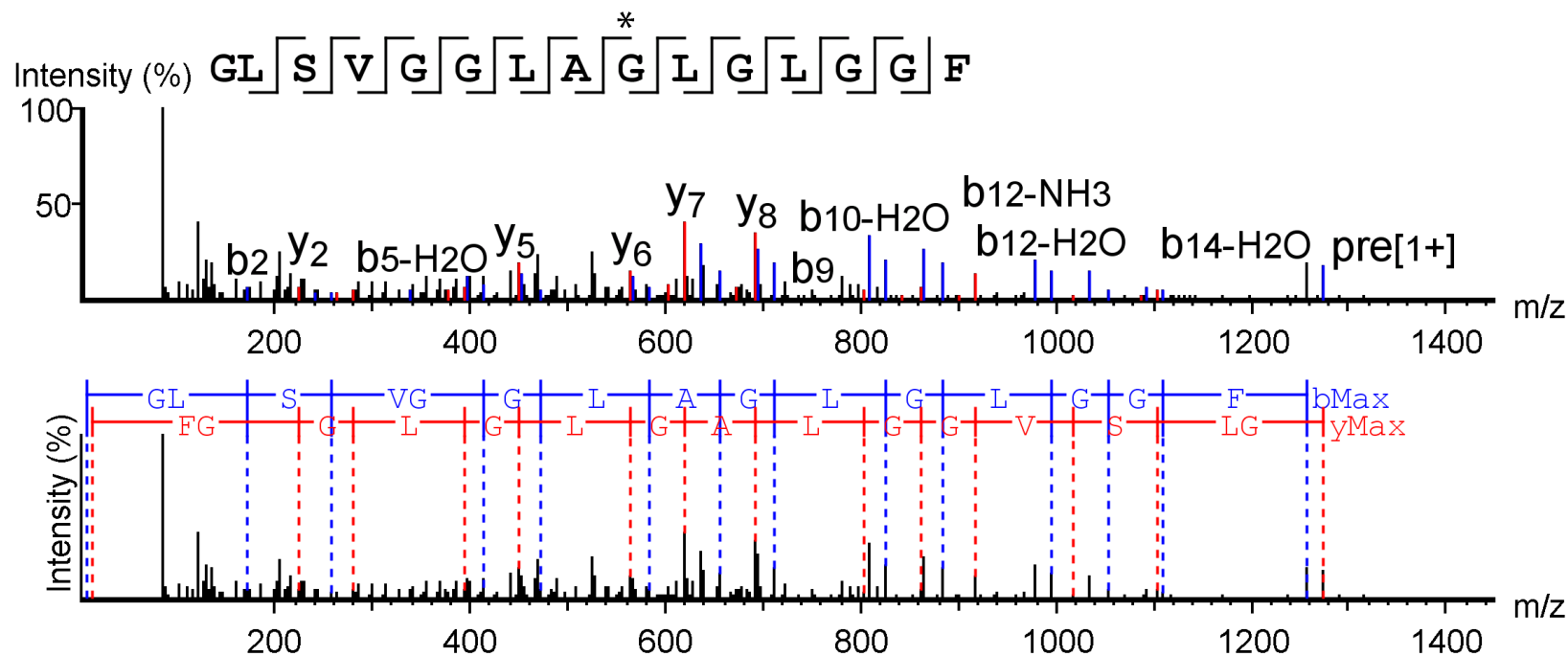
7.3 Position (AA): **111**; Mutation **G** → **A**



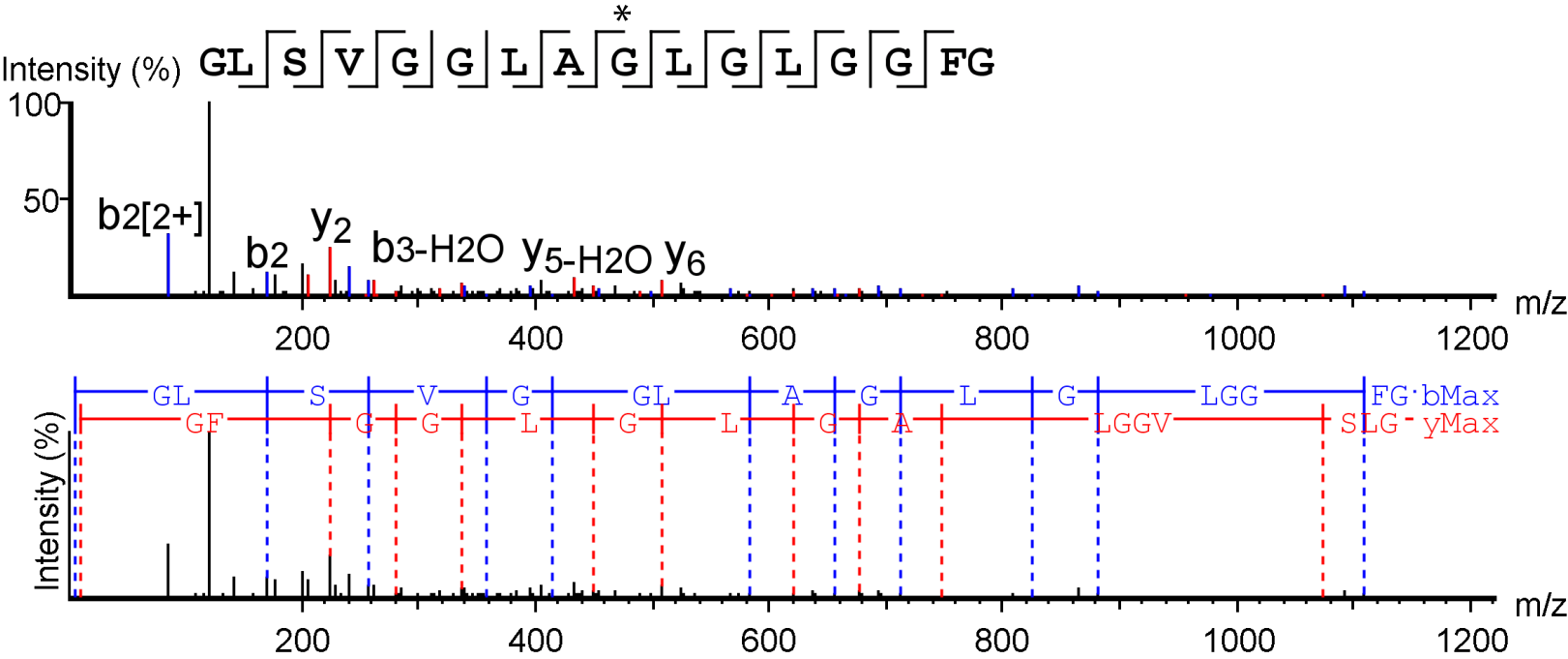
7.4 Position (AA): **111**; Mutation **G** → **A**



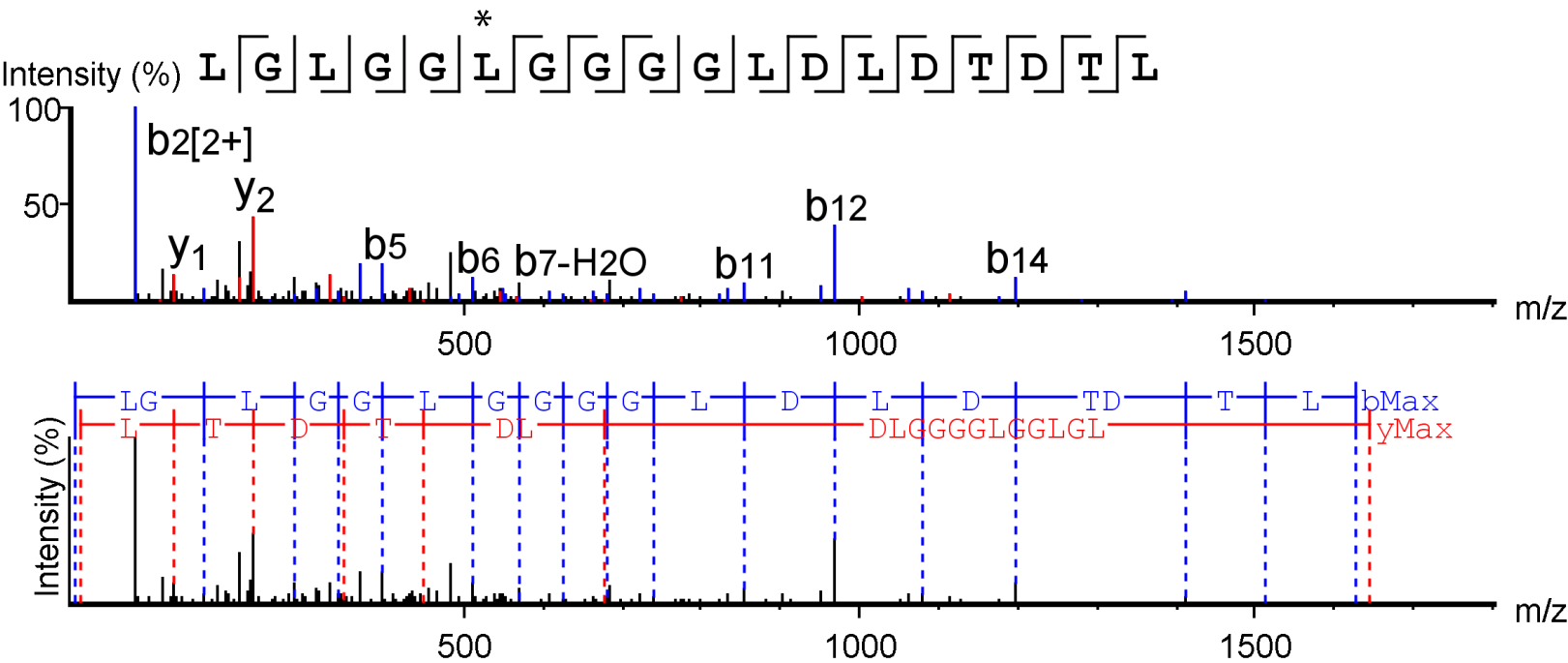
7.4 Position (AA): **163**; Mutation **S** → **G**



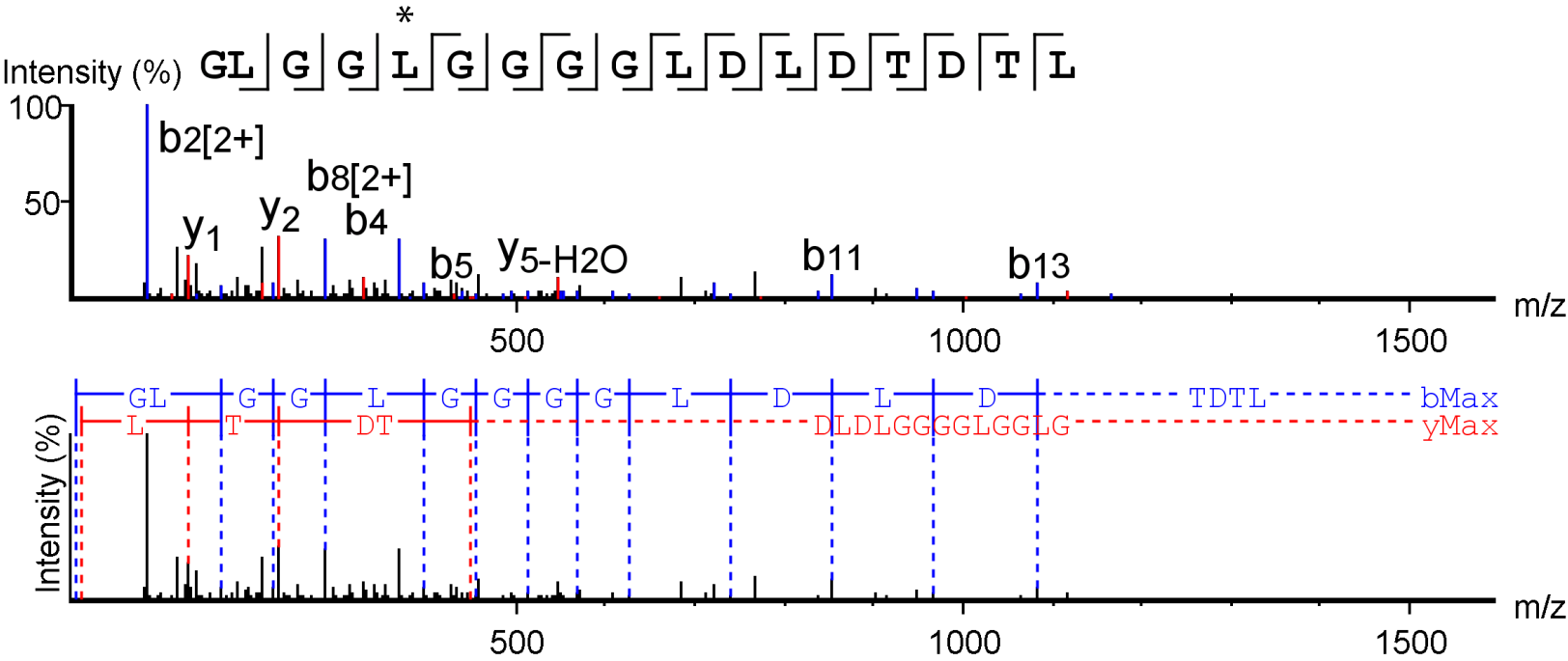
7.5 Position (AA): **163**; Mutation **S** → **G**



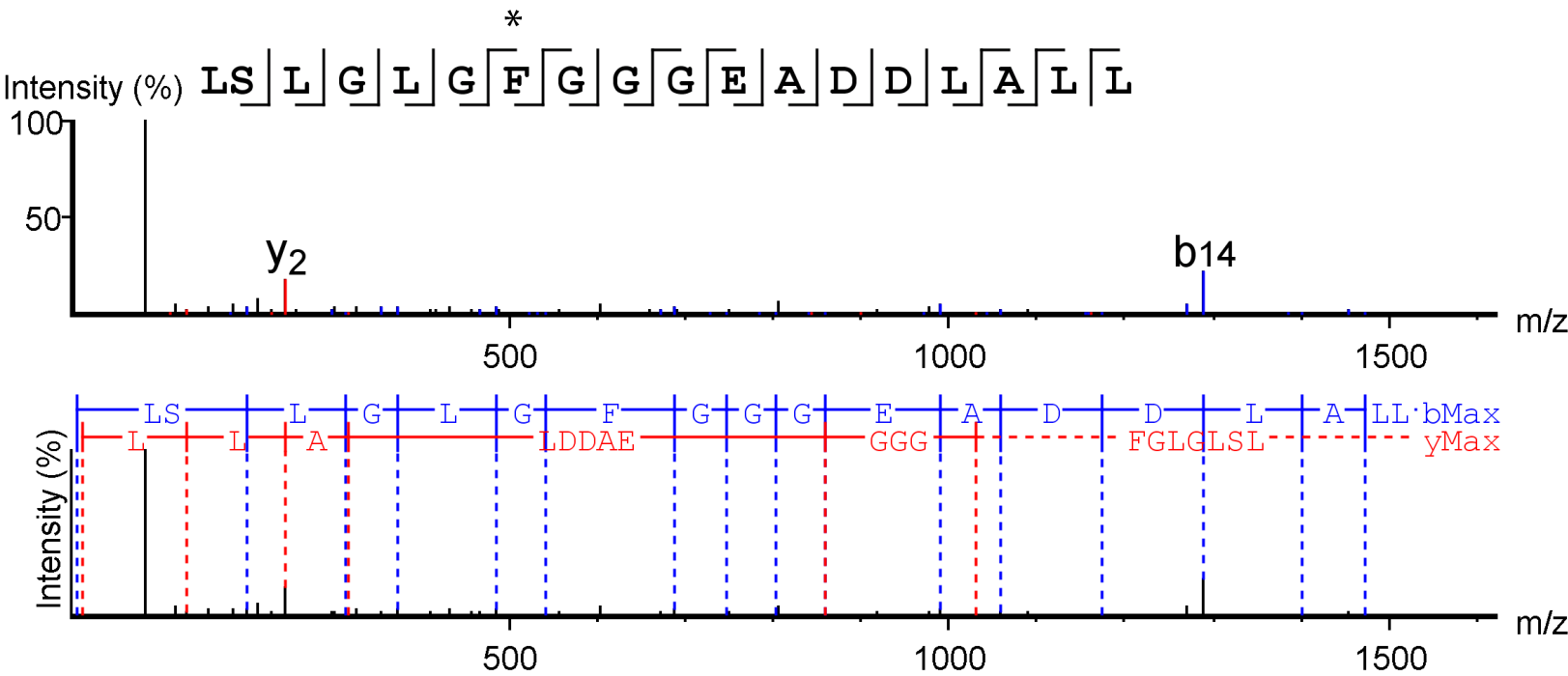
7.6 Position (AA): **289**; Mutation **V** → **L**



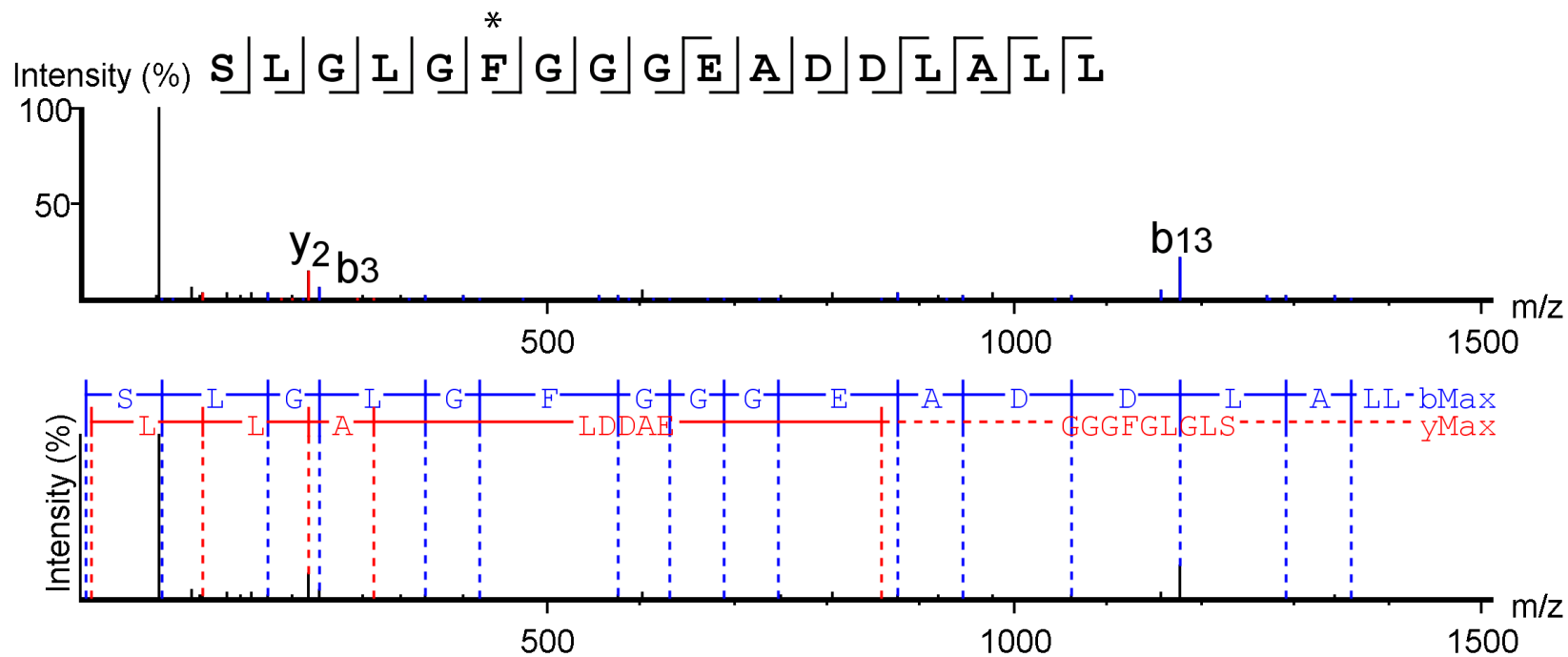
7.7 Position (AA): **289**; Mutation **V** → **L**



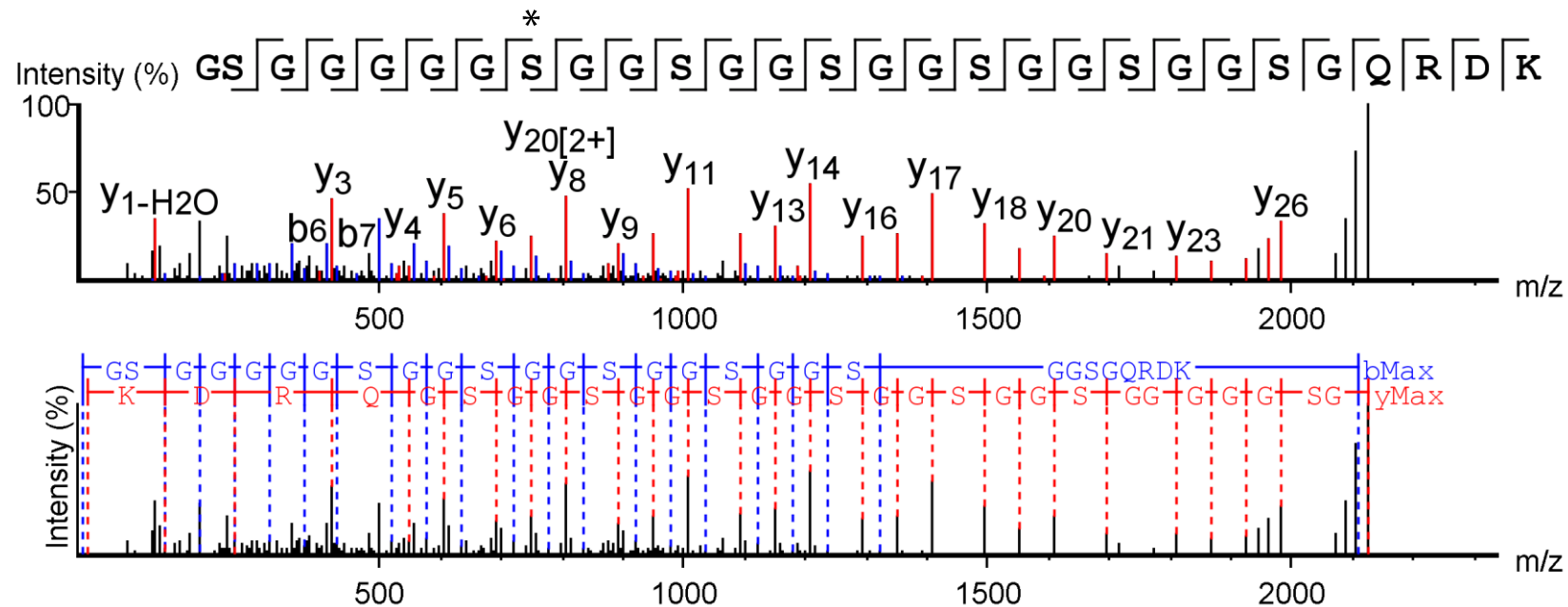
7.8 Position (AA): **310**; Mutation **I** → **F**



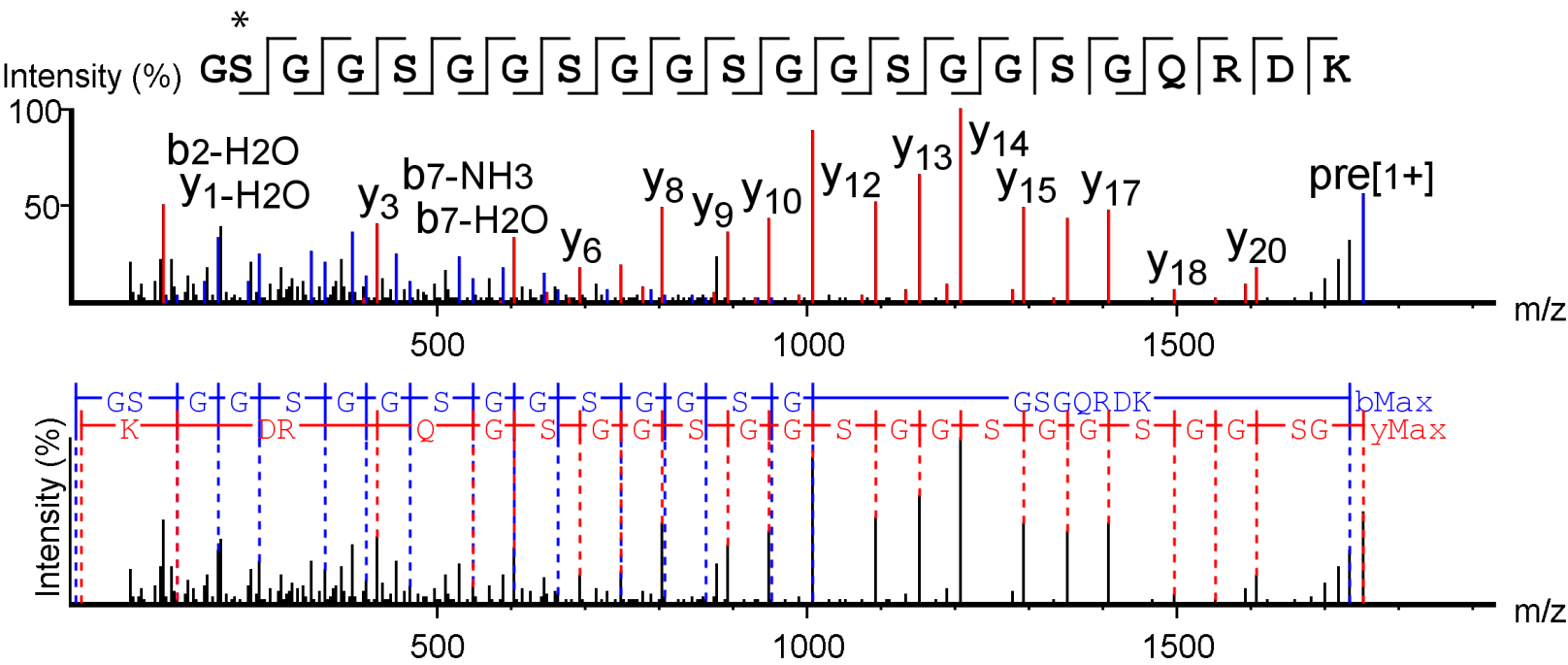
7.9 Position (AA): **310**; Mutation **I** → **F**



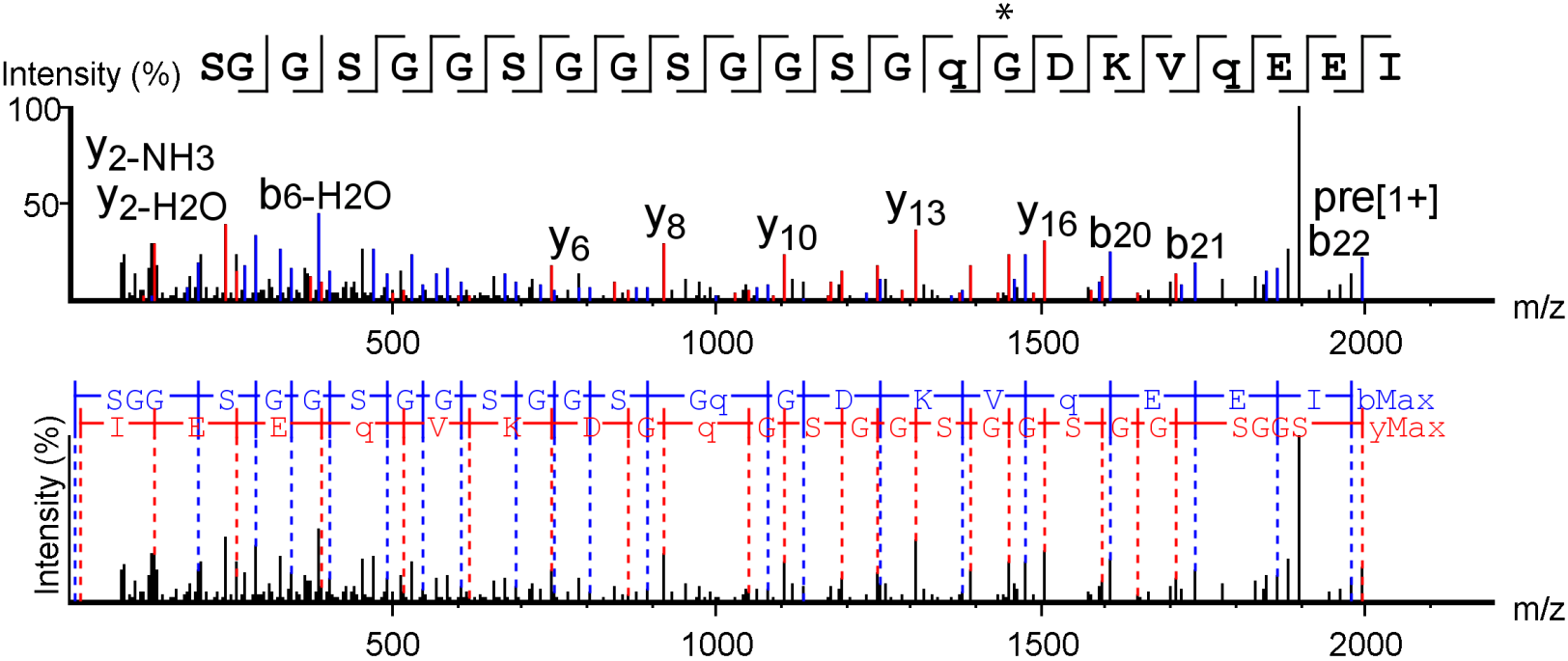
7.10 Position (AA): **804**; Mutation **A** → **S**



7.11 Position (AA): **804**; Mutation **A** → **S**



7.12 Position (AA): **822**; Mutation **R** → **G**



7.13 Position (AA): **822**; Mutation **R** → **G**

