***Additional file 2: Table S1.*** *Protein pairs of the* Helicobacter pylori *strains isolated from patients affected by duodenal ulcer (DU) gastric cancer (GC) or autoimmune atrophic gastritis (AAG). Protein pairs from* H. pylori *cases were labelled with either Cy3 or Cy5 dyes and mixed with a Cy2-labelled internal standard, containing equal amounts of the all protein extracts.*

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ***Protein extract nr.*** | ***Patient nr.*** | ***Disease(a)*** | ***Localization(b)*** | ***Age*** | ***Sex(c)*** |
| *1* | *1* | *DU* | *A* | *37* | *F* |
| *2* | *2* | *DU* | *A* | *48* | *M* |
| *3* | *3* | *DU* | *A* | *42* | *F* |
| *4* | *4* | *DU* | *A* | *62* | *M* |
| *5* | *5* | *DU* | *A* | *44* | *M* |
| *6* | *6* | *DU* | *A* | *62* | *M* |
| *7* | *7* | *DU* | *C* | *52* | *F* |
| *8* | *8* | *DU* | *C* | *55* | *M* |
| *9* | *2* | *DU* | *C* | *48* | *M* |
| *10* | *3* | *DU* | *C* | *42* | *F* |
| *11* | *4* | *DU* | *C* | *62* | *M* |
| *12* | *9* | *GC* | *A* | *71* | *F* |
| *13* | *10* | *GC* | *A* | *67* | *M* |
| *14* | *11* | *GC* | *A* | *64* | *M* |
| *15* | *12* | *GC* | *A* | *74* | *M* |
| *16* | *13* | *GC* | *A* | *56* | *M* |
| *17* | *14* | *GC* | *A* | *40* | *M* |
| *18* | *15* | *GC* | *A* | *68* | *M* |
| *19* | *16* | *GC* | *A* | *61* | *F* |
| *20* | *17* | *GC* | *A* | *61* | *F* |
| *21* | *18* | *GC* | *A* | *85* | *F* |
| *22* | *19* | *GC* | *A* | *56* | *M* |
| *23* | *20* | *GC* | *A* | *46* | *F* |
| *24* | *21* | *GC* | *A* | *71* | *F* |
| *25* | *20* | *GC* | *C* | *46* | *F* |
| *26* | *12* | *GC* | *C* | *74* | *M* |
| *27* | *15* | *GC* | *C* | *68* | *M* |
| *28* | *18* | *GC* | *C* | *85* | *F* |
| *29* | *19* | *GC* | *C* | *56* | *M* |
| *30* | *21* | *GC* | *C* | *71* | *F* |
| *31* | *22* | *GC* | *A* | *73* | *M* |
| *32* | *23* | *GC* | *A* | *66* | *F* |
| *33* | *24* | *GC* | *A* | *66* | *F* |
| *34* | *25* | *GC* | *A* | *50* | *M* |
| *35*  *36* | *26*  *27* | *GC*  *GC* | *A*  *A* | *43*  *68* | *F*  *M* |
| *37*  *38*  *39*  *40*  *41* | *28*  *29*  *30*  *31*  *29* | *AAG*  *AAG*  *AAG*  *AAG*  *AAG* | *A*  *A*  *C*  *C*  *C* | *70*  *40*  *42*  *37*  *40* | *F*  *F*  *F*  *F*  *F* |

*(a)AAG, autoimmune atrophic gastritis; DU, duodenal ulcer; GC, gastric cancer; (b)A, antrum; C, corpus; (c)F, female; M, male.*