```
ALFLARKASLARFLEKRKERVTSVSPY
AtJAZ3
             GIPÇTRKASLARFIEKRKERVINVSPY
AtJAZ4
             .VPCARKASLARFLEKRKERVISASPY
SmJAZ4
             .VPÇARKASLARFLEKRKERVISASPY
SlJAZ4
SlJAZ9
             .VPCARKASLARFLERRKERVVSASPY
             A<mark>VFÇARKA</mark>SLARFLE<mark>K</mark>RK<mark>ERVMS</mark>LA
SmJAZ3
             <mark>SVPÇARK</mark>A<mark>S</mark>LARFLE<mark>K</mark>RK<mark>ERVMNLA</mark>PY
SlJAZ3
             .<mark>VPCARKAS</mark>LARFLE<mark>K</mark>RK<mark>E</mark>RLMSAMPY
AtJAZ9
SmJAZ9
Consensus
                     r a larfle rk r
                                                  py
```

Supplementary Fig. S4 Amino acid sequence comparison of SmJAZ9 with the other JAZs in the same clade.