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| **Supplemental Table 4. Putative motifs conserved in the amino acid sequences of the tobacco EDR1-like proteins** |
| Motif | Width | Best possible match | Annotated domain |
| 1 | 50 | EFLREVAIMKRLRHPNVVLFMGAVTRPPNLSIVTEYLPRGSLYRLJHRPG | kinase |
| 2 | 50 | IVHRDLKSPNLLVDKNWTVKVCDFGLSRLKHBTFLSSKSTAGTPEWMAPE | kinase |
| 3 | 50 | RNEPSNEKCDVYSFGVILWELATLQQPWSGMNPMQVVGAVGFQGKRLEIP | kinase |
| 4 | 50 | VEECEIPWEDLVLGERIGLGSFGEVYRADWNGTEVAVKKFLEQDFTAESL | kinase |
| 5 | 50 | VLPJGSLSIGLCRHRALLFKVLADIVGLPCRJVKGCKYTGADDAASNLVK | EDR1 |
| 6 | 21 | LDERRRLRMALDVAKGMNYLH |  |
| 7 | 28 | ETVSYRYWVYGCLSYDDKVPDGFYDIYG |  |
| 8 | 29 | LDREYJVDLMGDPGTLIPPDTSINGPSSI |  |
| 9 | 29 | SAEVILVBRRADPKLKELZQRILEJSVGC |  |
| 10 | 41 | DLDPIVADIIEKCWQTDPWLRPSFAZIMAALKPLQKPIVTP | kinase |