

Table S4 Amino acid identity of BmorCPR2 with its orthologs.

| | <i>B. mori</i> | <i>P. polytes</i> | <i>P. xuthus</i> | <i>D. plexippus</i> | <i>M. sexta</i> | <i>H. melpomene</i> | <i>S. cynthia ricini</i> | <i>P. xylostellata</i> | <i>S. frugiperda</i> |
|--------------------------|----------------|-------------------|------------------|---------------------|-----------------|---------------------|--------------------------|------------------------|----------------------|
| <i>B. mori</i> | 100% | 59% | 58% | 57% | 65% | 55% | 59% | 54% | 52% |
| <i>P. polytes</i> | | 100% | 75% | 58% | 54% | 58% | 64% | 40% | 50% |
| <i>P. xuthus</i> | | | 100% | 60% | 57% | 64% | 62% | 47% | 45% |
| <i>D. plexippus</i> | | | | 100% | 51% | 66% | 58% | 40% | 46% |
| <i>M. sexta</i> | | | | | 100% | 58% | 64% | 50% | 53% |
| <i>H. melpomene</i> | | | | | | 100% | 54% | 43% | 44% |
| <i>S. cynthia ricini</i> | | | | | | | 100% | 45% | 61% |
| <i>P. xylostellata</i> | | | | | | | | 100% | 47% |
| <i>S. frugiperda</i> | | | | | | | | | 100% |