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SUPPLEMENTARY ONLINE MATERIAL FOR

A new symmetrodont mammal from the Early Cretaceous Jehol Biota of

Ningcheng Basin, Inner Mongolia, Northeast China

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**Supplementary Online Material**

**SOM. The data matrix**

## The data matrix

1111111112222222223

Taxon/Node 123456789012345678901234567890

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*Morganucodon* ?00000000?000000???0000000000  
*Gobiotheriodon* 00?1110200000???????100???10?  
*Kuehneotherium* 00?0110100000000000?000000001?  
*Tinodon* 0111110110000000000?1100?0?101  
*Kiyatherium* 001012021000001000110100111101  
*Anebodon* 00102202100000100?100??011??01  
*Maotherium* 000112021000001000100????11?11  
*Ningchengodon* 00?122011?000?????????0???01  
*Origolestes* 0000220210000010001?0100111101  
*Zhangheotherium* 001112021000001000101100111111  
*Akidolestes* 10002202110110?0??10?10??11110  
*Heishanlestes* 1?00121211011????????211001110  
*Spalacolestes* 1???2212111111011121021110??10  
*Spalacotheridium* 1???22121101110111210???????10  
*Spalacotherium* 1101121210010010001011?0101110  
*Spalacotheroides* 1???221211011010?11012?????1?0  
*Symmetrodontoides* 1???22121111110111210??1????10  
*Symmetrolestes* 11?0220210011????????210111100  
*Yaverlestes* 1??1221211?11000011?1?11????0?  
*Lactodens* 1110121?11?1?101111102?1101110