**Figure S6 Synteny analysis of *HMs* genes between each gramineae specie and rice**

Figure S6-1 Synteny analysis of *HMs* genes between *T. aestivum* andrice

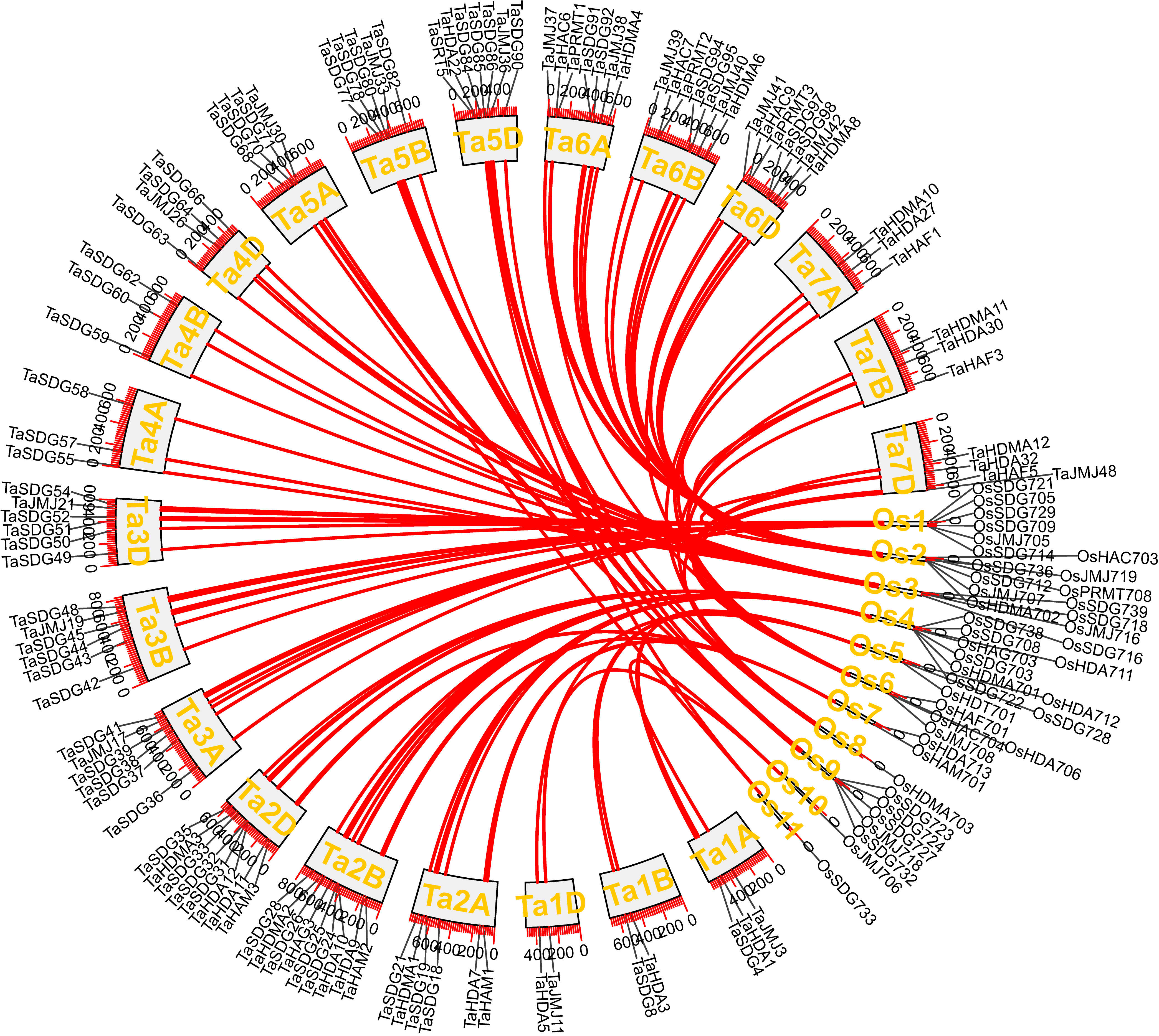
**

Figure S6-2 Synteny analysis of *HMs* genes between *H. vulgare* andrice

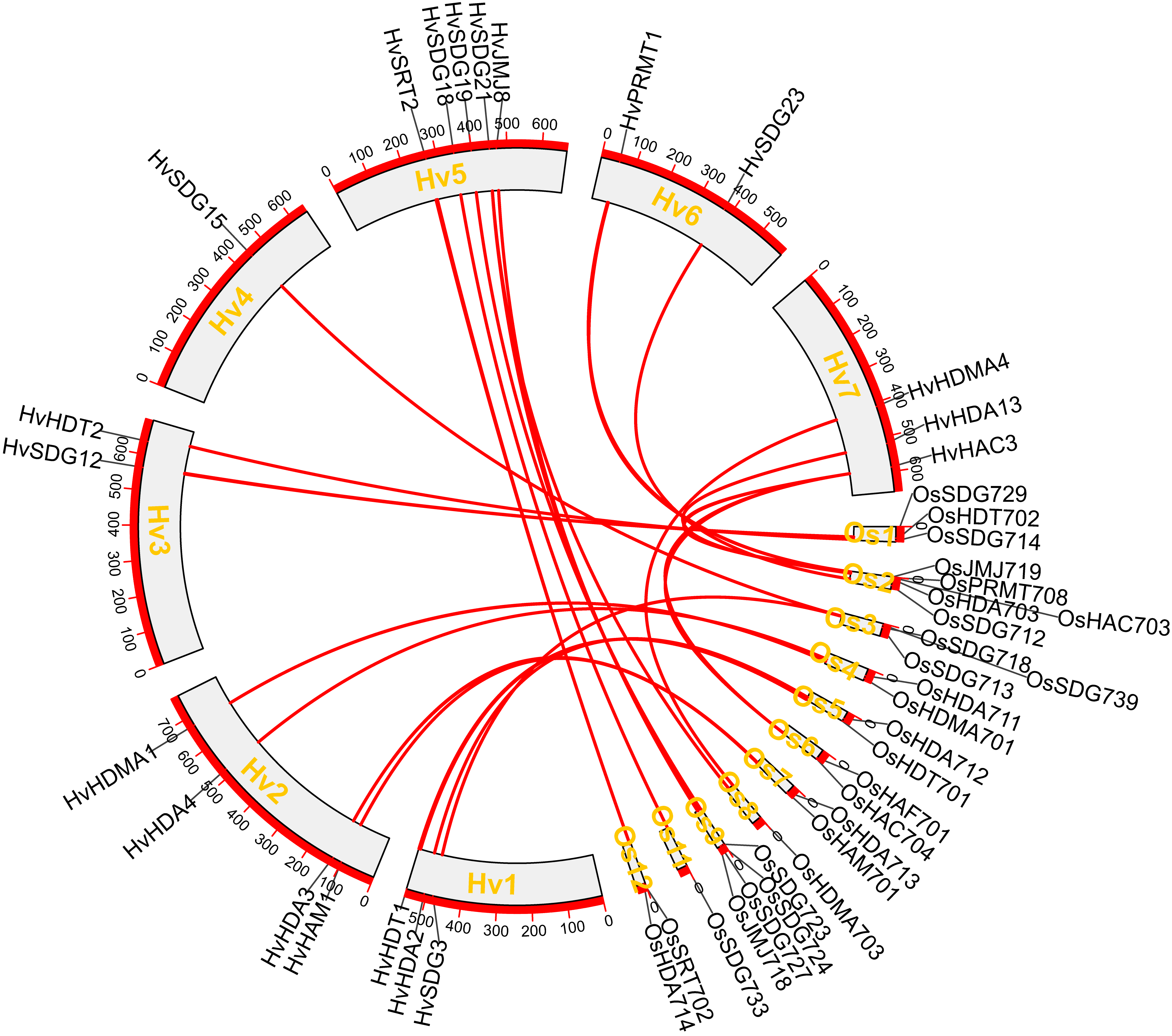


Figure S6-3 Synteny analysis of *HMs* genes between *S. bicolor* andrice

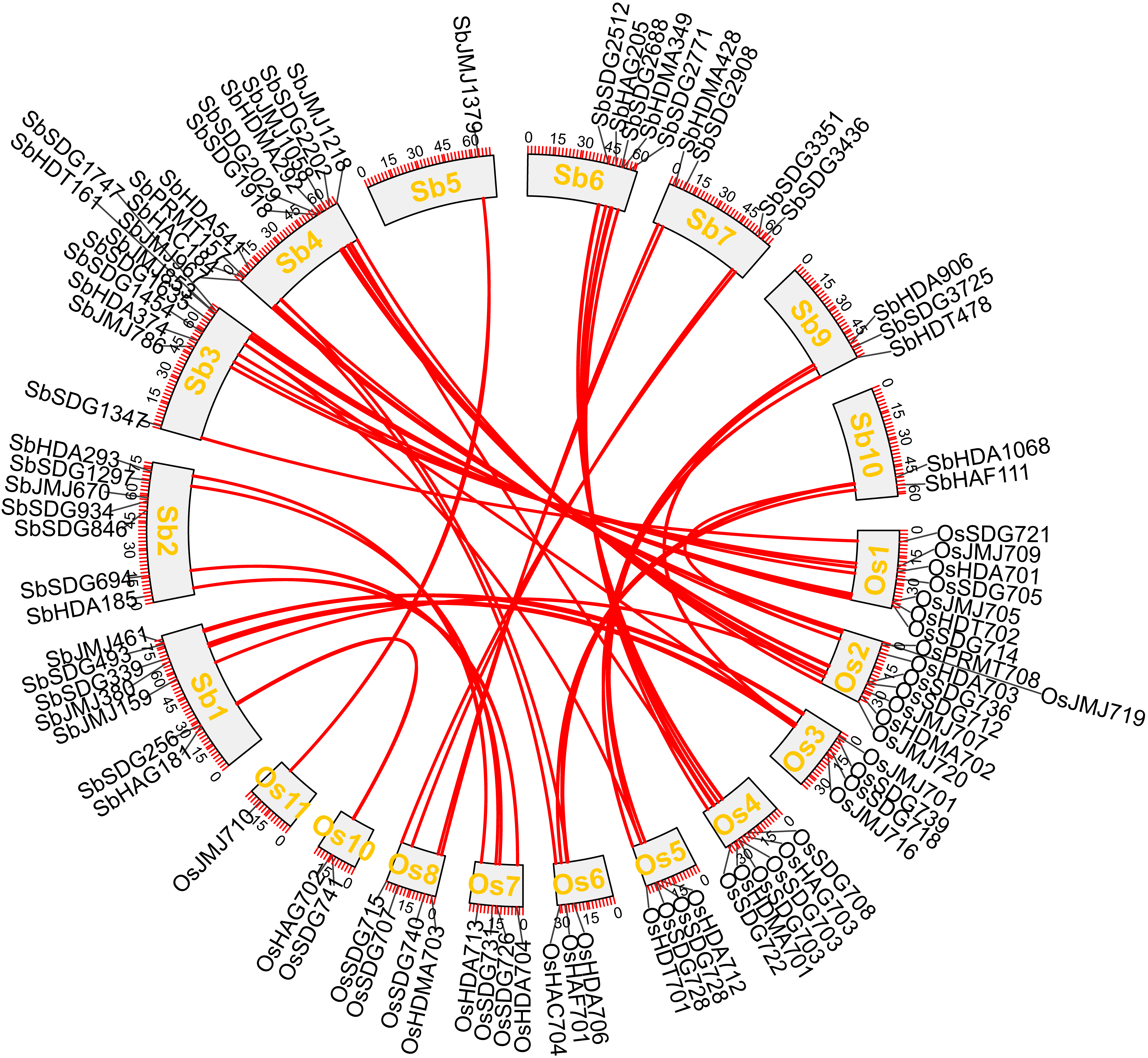


Figure S6-4 Synteny analysis of *HMs* genes between *S. viridis* andrice

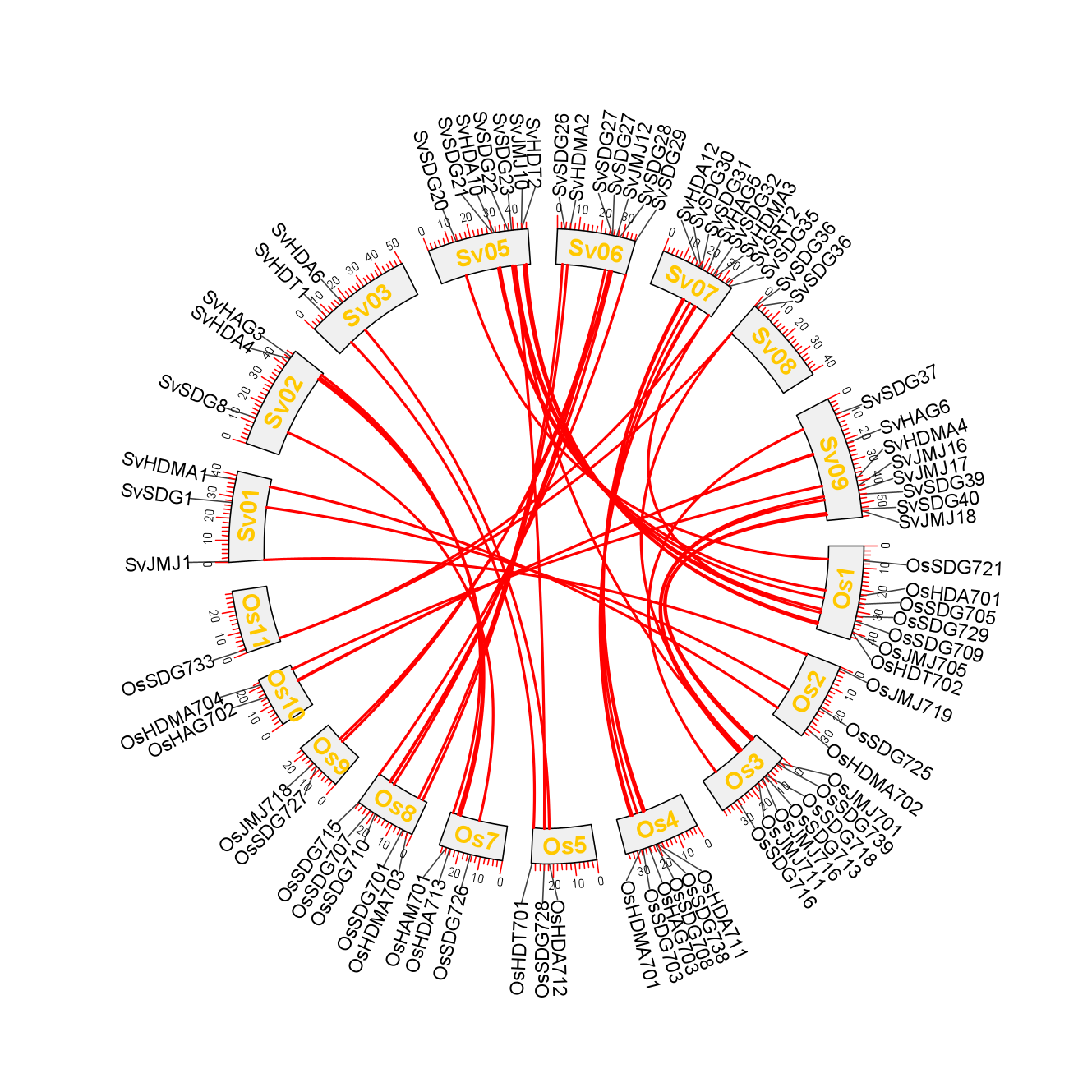


Figure S6-5 Synteny analysis of *HMs* genes between *S. italic* andrice

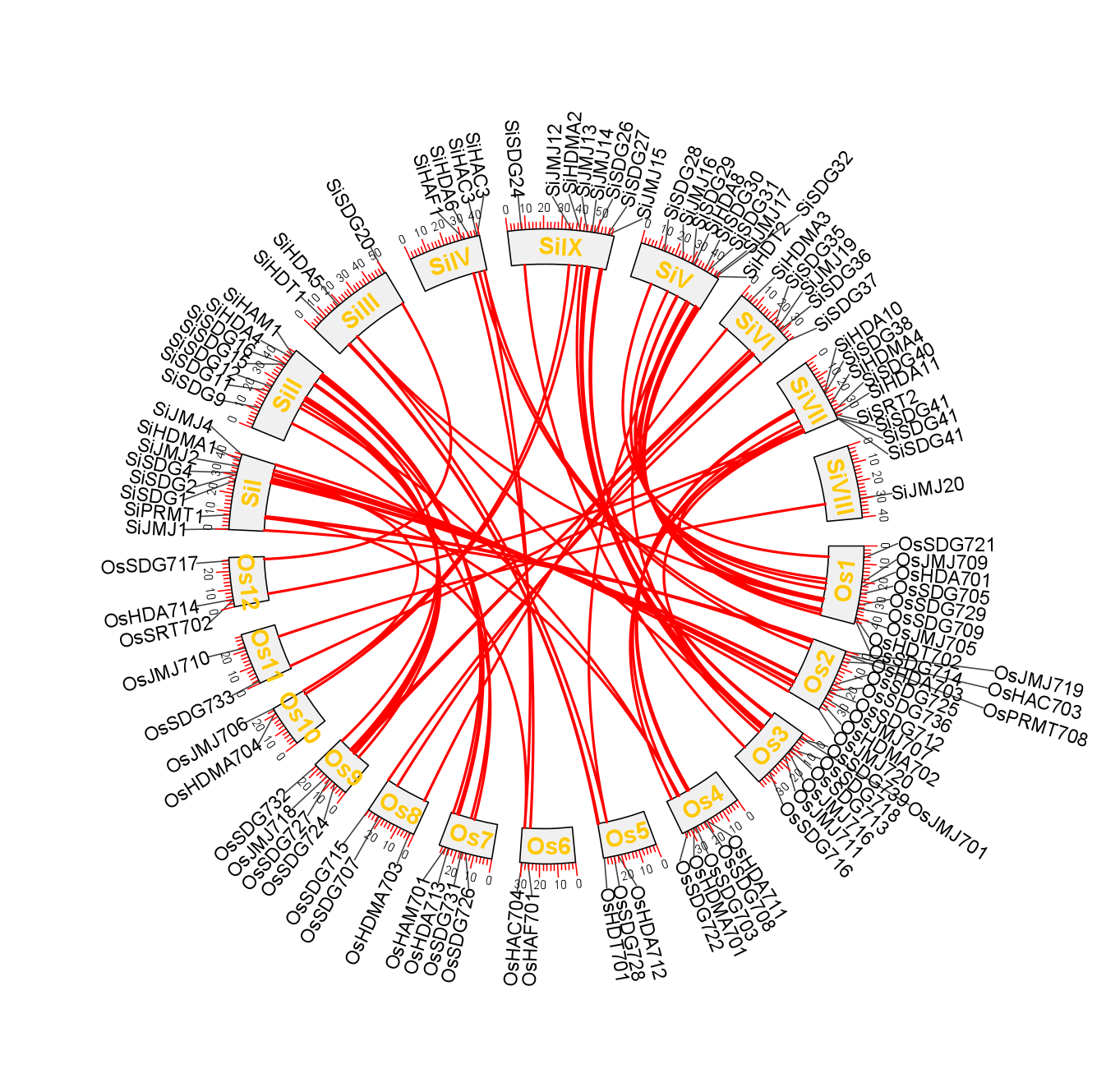


Figure S6-6 Synteny analysis of *HMs* genes between *Z. mays* andrice

