

<i>TPCN1</i>	<i>TLL8</i>	<i>UGT2B11</i>	<i>USP2</i>	<i>WBSCR28</i>	<i>XRCC1</i>	<i>ZNF268</i>
<i>TPPI</i>	<i>TULP4</i>	<i>UGT2B15</i>	<i>USP4</i>	<i>WDHD1</i>	<i>XRCC4</i>	<i>ZNF385A</i>
<i>TRAK1</i>	<i>TXN2</i>	<i>UGT2B17</i>	<i>VANGL2</i>	<i>WDR11</i>	<i>YDJC</i>	<i>ZNF385D</i>
<i>TRAPPC9</i>	<i>TYR</i>	<i>UGT2B28</i>	<i>VAX2</i>	<i>WDR19</i>	<i>YY1AP1</i>	<i>ZNF395</i>
<i>TRIM50</i>	<i>UBAC2</i>	<i>UGT2B4</i>	<i>VGLL4</i>	<i>WDR36</i>	<i>ZAP70</i>	<i>ZNF526</i>

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27 **Table S2. List of candidate genes in QTLs associated with swine EP susceptibility.** MPS: Mycoplasmal pneumonia susceptibility;
 28 MHT: Mycoplasma hyopneumoniae antibody titer; MHTC: Change in Mycoplasma hyopneumoniae antibody titer.

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Trait Name	QTL_ID	Chr	Start	End	genes
MPS	21314	12	35033156	47927603	<i>CCL11, CCL8, PROCA1, RAB34, RPL23A, SNORD42B, SNORD4A, SUPT6H</i>
MHT	12317	2	38367026	151463344	<i>ABCC8, ADM, EDIL3, MAN2A1, SBF2, SCARNA18, SLC25A48, TCF7, TRPC7, WDR36, XRCC4</i>
	12329	18	24222671	46327930	<i>AOAH, CADPS2, FEZF1, WNT2</i>
	12330	18	603581	7783092	<i>CASP2, CLCN1, OR9A2, TAS2R41, TMEM139</i>
MHTC	12316	2	133375944	151463344	<i>SLC25A48, TCF7, TRPC7</i>
	12328	16	342954	80539062	<i>ADAMTS12, ARL15, C6, CAPSL, DDX4, DOCK2, EGFLAM, ELOVL7, FOXI1, FYB, MYO10, PRLR, RAI14, RNU6-768P, SEMA5A, SLIT3, SNX18</i>
	12331	18	603581	7783092	<i>CASP2, CLCN1, OR9A2, TAS2R41, TMEM139</i>

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