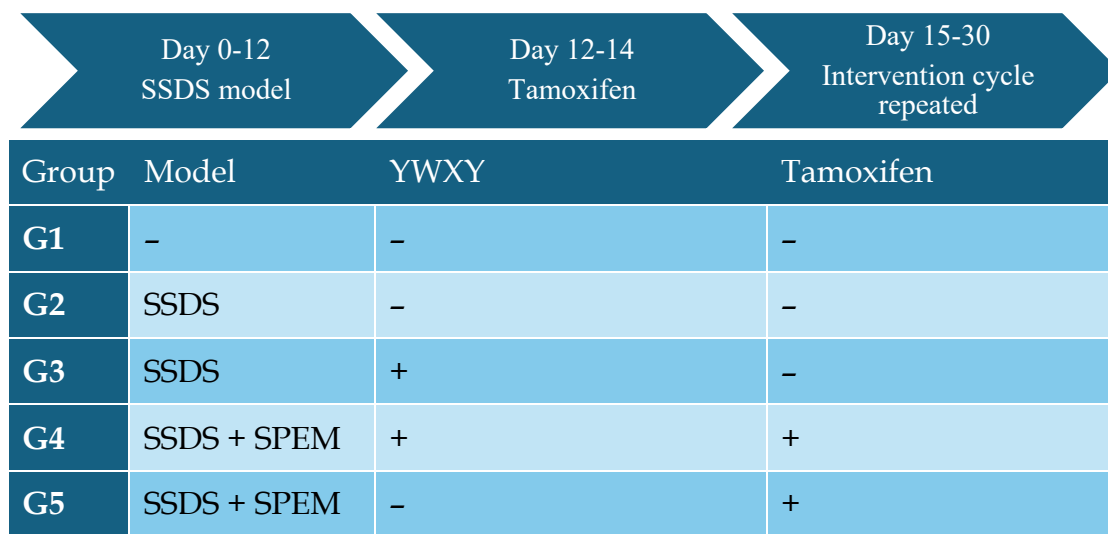


Supplementary Figure S1



Supplementary Figure S1. Detailed experimental schedule and group allocation.

A schematic timeline summarizing the experimental procedures and group assignments is shown. From day 0 to day 12, mice underwent induction of the spleen-stomach deficiency syndrome (SSDS) model. Tamoxifen was administered intraperitoneally on days 12-14 to induce spasmodic polypeptide-expressing metaplasia (SPEM) in the indicated groups. The intervention cycle was then repeated from day 15 to day 30 following the same procedures as the initial phase. The table summarizes group allocation and corresponding treatments, including SSDS induction, YWXY administration, and tamoxifen treatment. Symbols “+” and “-” indicate the presence or absence of the specified intervention, respectively.

Supplementary Table S1 Primer sequences used for reverse transcription quantitative polymerase chain reaction

Gene name	Forward primer (5'→3')	Reverse primer (5'→3')
β-actin	GATATCGCTGCGCTGGTCG	CATTCCCACCATCACACCCT
WFDC2	CCTTGACCACACTACTAAACCA CC	TCTTCCCACATCCATTGCG
IL-1β	TTCAAATCTCGCAGCAGCACAT C	CAGCAGGTTATCATCATCATCC CA
TNF-α	GCCTCTTCTCATTCCTGC	CTTGGTGGTTTGCTACGAC
Cdr1as	TCCAGTGTATCGGCGTTTTGA	CTGGAAGACTCTGAGGTTGTT

Supplementary Table S2 Locked nucleic acid probes used for fluorescence *in situ* hybridization

Target RNA	Probe sequence (5'→3')	Probe label	Manufacturer / Catalog No.
mmu-miR-7a-5p	ACAACAAAATCACTAGTCTTCCA	FAM	Boster , MK11131
Wfdc2 mRNA	ACTGT GTGTT GGAGT GCACT TTGGA CAAGG ACTGT GCGGA ACCGC AAGTG CTGCC AGGCG GGCTG CAGCT CTGTC TGCTC TGTTT CTGCC GGACT GTGCA TCTGG AGTCG TTCCT GTGGC	Cy3	Boster , MK3939