

Supplementary Table 1. Hematologic variables.

	Low SDC-1 (N = 191)	High SDC-1 (N = 59)	<i>p</i> Value
Haematocrit (%)			
Preoperative	37.9 ± 5.4	36.5 ± 6.3	0.568
Postoperative 6 h	31.6 ± 4.8	30.4 ± 4.8	0.428
Postoperative 24 h	30.4 ± 4.6	28.9 ± 6.1	0.348
Postoperative 48 h	28.3 ± 4.0	27.7 ± 3.9	>0.999
Leukocyte count (/μL)			
Preoperative	6212 ± 1773	5228 ± 2061	0.004
Postoperative 6 h	11822 ± 4565	10711 ± 4445	0.408
Postoperative 24 h	12572 ± 3730	12169 ± 3650	>0.999
Postoperative 48 h	11691 ± 3576	11362 ± 3352	>0.999
Platelet count (×10 ³ /μL)			
Preoperative	195 ± 63	178 ± 64	0.004
Postoperative 6 h	119 ± 35	117 ± 37	0.492
Postoperative 24 h	107 ± 37	101 ± 31	0.924
Postoperative 48 h	93 ± 33	89 ± 31	>0.999

Note: Data are expressed as mean ± standard deviation or median (interquartile range). Abbreviation: SDC-1, syndecan-1.

Supplementary Table 2. Hemodynamic variables.

	Low SDC-1 (N = 159)	High SDC-1 (N = 91)	<i>p</i> Value
Mean arterial pressure (mmHg)			
Post-induction	84 ± 15	84 ± 16	>0.999
Post-CPB	70 ± 10	68 ± 13	0.640
Postoperative 6 h	78 ± 10	76 ± 9	0.320
Postoperative 24 h	81 ± 10	78 ± 9	0.196
Heart rate (bpm)			
Post-induction	69 ± 13	68 ± 13	>0.999
Post-CPB	80 ± 10	82 ± 10	>0.999
Postoperative 6 h	82 ± 10	84 ± 14	>0.999
Postoperative 24 h	80 ± 10	85 ± 14	0.128
Central venous pressure (mmHg)			
Post-induction	10 ± 3	11 ± 4	0.068
Post-CPB	11 ± 3	10 ± 2	0.068
Postoperative 6 h	8 ± 3	9 ± 3	0.312
Postoperative 24 h	7 ± 3	9 ± 3	0.060
Mean pulmonary arterial pressure (mmHg)			
Post-induction	21 ± 6	23 ± 7	0.472
Post-CPB	20 ± 3	21 ± 3	>0.999
Postoperative 6 h	19 ± 5	21 ± 4	0.052
Cardiac index (L/min/m ²)			
Post-induction	2.1 ± 0.5	2.2 ± 0.6	>0.999
Post-CPB	2.6 ± 0.7	2.6 ± 0.6	>0.999
Postoperative 6 h	2.9 ± 0.6	3.1 ± 0.7	0.234

Note: Data are expressed as mean ± standard deviation. Abbreviations: SDC-1, syndecan-1; CPB, cardiopulmonary bypass.

Supplementary Table 3. Correlations with the preoperative syndecan-1.

	Spearman's ρ	95% CI	<i>p</i> Value
Age (years)	-0.037	-0.160-0.088	0.567
Body surface area (m ²)	0.018	-0.106-0.142	0.772
Left ventricular EF (%)	-0.214	-0.330-0.091	0.001
LAVI (mL/m ²)	0.267	0.084-0.324	0.001
RVSP (mmHg)	0.166	0.042-0.285	0.008
Preoperative serum Cr (mg/dL)	0.121	-0.003-0.242	0.055
EuroSCORE	0.050	-0.075-0.173	0.436
CPB time (min)	0.249	0.127-0.364	0.001
Preoperative TNF- α (pg/mL)	0.226	0.103-0.342	0.001
Post-CPB TNF- α (pg/mL)	0.118	-0.006-0.239	0.062
Preoperative IL-6 (pg/mL)	0.195	0.071-0.312	0.002
Post-CPB IL-6 (pg/mL)	0.257	0.135-0.371	0.001

Abbreviations: CI, confidence interval; EF, ejection fraction; LAVI, left atrial volume index; RVSP, right ventricular systolic pressure; Cr, creatinine; CPB, cardiopulmonary bypass; TNF- α , tumor necrosis factor- α ; IL-6, interleukin-6.