Table S1  Organ resections (n=90)

| Resected organs                  | Number (%) |
|----------------------------------|------------|
| Kidney                           | 17 (18.9)  |
| Colon                            | 29 (32.2)  |
| Small intestine                  | 7 (7.8)    |
| Spleen                           | 9 (10.0)   |
| Stomach                          | 4 (4.4)    |
| Body and tail of the pancreas    | 5 (5.6)    |
| Accessory                        | 3 (3.3)    |
| Omentum                          | 2 (2.2)    |
| Appendix                         | 2 (2.2)    |
| Adrenal gland                    | 4 (4.4)    |
| Uterus                           | 1 (1.1)    |
| Diaphragm                        | 1 (1.1)    |
| Ureter                           | 1 (1.1)    |
| Gallbladder                      | 2 (2.2)    |
| Refined                          | 1 (1.1)    |
| Duodenum                         | 1 (1.1)    |
| Bladder                          | 1 (1.1)    |
| Perirenal fat                    | 1 (1.1)    |

Table S2  Univariate associations between clinicopathologic and treatment factors and survival types among patients with PR RPLPS

| Variable                               | Analyses by survival type | P value |
|----------------------------------------|---------------------------|---------|
|                                        | OS                        |         |
|                                        | Median, mo                | 95% CI  |         |
|                                        | P value                   |         |         |
| Age (years)                            |                           | 0.169   | 0.677   |
| <60                                    | 67                        | 43.15–68.16 | 30   | 27.37–50.22 |
| ≥60                                    | 34                        | 26.83–54.23 | 20   | 18.18–45.47 |
| Gender                                 |                           | 0.304   | 0.378   |
| Female                                 | 66                        | 44.37–78.25 | 37.5 | 21.53–49.22 |
| Male                                   | 50                        | 32.92–54.68 | 22   | 25.29–48.05 |
| Modus operandi                         |                           | 0.000*  | 0.009*  |
| R0 resection                           | 65                        | 50.02–69.52 | 53   | 36.77–58.06 |
| R1 resection                           | 19                        | 13.53–56.14 | 12   | 7.18–38.0   |
| R2 resection                           | 8                         | 1.24–20.09  | 8    | 1.24–20.09  |
| Subtype                                |                           | 0.531   | 0.898   |
| Well-differentiated                    | 78                        | 53.82–101.83 | 48   | 26.10–55.02 |
| Dedifferentiated                      | 61                        | 42.47–80.31 | 45   | 24.98–61.07 |
| Myxoid                                 | 56                        | 30.15–68.30 | 14   | 11.43–52.58 |
| Pleomorphic                            | 31                        | 9.88–51.72  | 14   | 4.13–45.87  |
| Mixed                                  | 41                        | 14.23–68.77 | 12   | 10.56–68.443 |
| Blood loss (mL)                        |                           | 0.006*  | 0.008*  |
| <1,500                                 | 61                        | 45.31–65.08 | 46.5 | 30.65–50.08 |
| ≥1,500                                 | 9.5                       | 7.97–55.24  | 9.5  | 3.82–38.78  |
| FNCLCC                                 |                           | 0.000*  | 0.022*  |
| 1                                      | 70                        | 58.23–80.93 | 55   | 37.17–61.57 |
| 2                                      | 66                        | 34.42–75.38 | 36   | 14.73–60.07 |
| 3                                      | 20                        | 13.28–37.54 | 12   | 8.51–33.14  |
| Tumor size (cm)                        |                           | 0.749   | 0.823   |
| <20                                    | 60                        | 37.72–66.91 | 27   | 24.24–48.67 |
| ≥20                                    | 57                        | 35.21–60.79 | 22.5 | 23.20–48.80 |
| No. of organs resected                |                           | 0.122   | 0.089   |
| <2                                    | 62                        | 41.40–63.12 | 30   | 28.78–49.22 |
| 2 or more                             | 45                        | 22.53–63.66 | 14   | 11.16–43.57 |

*: significant. FNCLCC, French Federation of Cancer Centers Sarcoma Group; OS, overall survival; PFS, progression-free survival; R0 resection, complete resection + clean microscopic margins; R1 resection, complete resection + positive microscopic margins; R2 resection, macroscopically incomplete resection.
| Variable                | Analyses by survival type |          |          |          |          |
|-------------------------|---------------------------|----------|----------|----------|----------|
|                         | OS                        | P value  | PFS      | P value  |
|                         | Median, mo | 95% CI   |          | Median, mo | 95% CI   |          |
| Age (years)             | 0.575                    |          | 0.563    |          |          |
| <60                     | 18 | 19.20–39.44 |          | 11 | 12.34–30.31 |          |
| ≥60                     | 20 | 5.63–52.37  |          | 10 | 3.49–33.11  |          |
| Gender                  | 0.416                    |          | 0.566    |          |          |
| Female                  | 23 | 18.74–46.79 |          | 12 | 8.73–27.65  |          |
| Male                    | 12 | 13.71–38.37 |          | 9  | 10.88–34.86 |          |
| Modus operandi          | 0.000*                   |          | 0.001*   |          |          |
| R0 resection            | 61 | 38.32–72.61 |          | 26 | 20.44–53.29 |          |
| R1 resection            | 16.5 | 11.23–30.43 |          | 9  | 5.68–24.88  |          |
| R2 resection            | 4  | 1.60–12.95  |          | 4  | 1.60–12.95  |          |
| Subtype                 | 0.960                    |          | 0.929    |          |          |
| Well-differentiated     | 18 | 16.79–46.86 |          | 12 | 6.21–17.79  |          |
| Dedifferentiated        | 12 | 15.85–55.07 |          | 8  | 3.07–12.93  |          |
| Myxoid                  | 12 | 3.89–72.40  |          | 12 | 0.00–32.53  |          |
| Pleomorphic             | 19 | 10.10–47.40 |          | 10 | 7.06–12.94  |          |
| Mixed                   | 22 | 9.17–26.16  |          | 9  | 4.20–13.80  |          |
| Blood loss (mL)         | 0.094                    |          | 0.368    |          |          |
| <1,500                  | 25 | 22.23–48.77 |          | 12 | 13.31–34.53 |          |
| ≥1,500                  | 12 | 9.70–33.80  |          | 9  | 5.59–27.81  |          |
| FNCLCC                  | 0.001*                   |          | 0.005*   |          |          |
| 1                       | 72 | 42.55–94.95 |          | 60 | 25.56–79.44 |          |
| 2                       | 23 | 9.00–45.40  |          | 12 | 5.58–18.43  |          |
| 3                       | 12 | 10.31–25.46 |          | 8.5 | 7.00–21.30 |          |
| Tumor size (cm)         | 0.024*                   |          | 0.077    |          |          |
| <20                     | 30 | 25.27–51.97 |          | 12 | 13.03–38.21 |          |
| ≥20                     | 9  | 8.80–32.59  |          | 9  | 7.11–25.07  |          |
| No. of organs resected  | 0.644                    |          | 0.774    |          |          |
| <2                      | 18 | 19.02–44.98 |          | 12 | 12.09–33.17 |          |
| 2 or more               | 19 | 12.78–36.98 |          | 10 | 6.68–28.27  |          |

*, significant. FNCLCC, French Federation of Cancer Centers Sarcoma Group; OS, overall survival; PFS, progression-free survival; R0 resection, Complete resection + clean microscopic margins; R1 resection, Complete resection + positive microscopic margins; R2 resection, macroscopically incomplete resection.