### Table S1. Clinical characteristics at HBV reactivation (n=9)

| Patients No. | Age | Sex | No. | Baseline | Regimen (Before HBV reactivation) | Antiviral Prophylaxis | At diagnosis of HBV reactivation | Clinical course |
|--------------|-----|-----|-----|----------|----------------------------------|-----------------------|-----------------------------------|-----------------|
|              |     |     |     |          | ALT/AST | T | TBIL/DBIL | HBV DNA (IU/mL) | ALT/AST | TBIL/DBIL | HBV DNA (IU/mL) | Time of Reactivation (from date of 1st cycle of chemotherapy) |               |
| 1            | 63  | M   | 4   | 3        | 16/29   | 6.8/2.4 | 22400 | R-CHOP | Entecavir | 6/14 | 9.1/2 | 2620000 | 4 months | Alive |
| 2            | 43  | F   | 4   | 2        | 14/18   | 12.6/3.2 | < 10  | R-CHOP | Entecavir | 26/21 | 8.2/2.3 | 607 | 2 months | Alive |
| 3            | 49  | M   | 2   | 1        | 33/38   | 8.7/3 | < 10  | R-CHOP | Entecavir | 62/50 | 6.9/2.4 | 149 | 1.5 months | Alive |
| 4            | 49  | M   | 4   | 2        | 10/23   | 14.5/4.1 | < 10  | R-CHOP | Entecavir | 9/11 | 10.4/3 | 7230 | 1 month | Died  |
| 5            | 68  | M   | 4   | 4        | 18/23   | 13.2/4.0 | < 10  | R-CHOP | Entecavir | 25/42 | 5.9/2.5 | 129 | 2 months | Died  |
| 6            | 42  | M   | 3   | 3        | 47/40   | 6/4.2 | < 10  | R-CHOP | Entecavir | 17/23 | 10.9/2.4 | 139 | 2 months | Alive |
| 7            | 37  | M   | 4   | 1        | 241/108 | 22.4/6.3 | 98.1  | R-CHOP | Entecavir | 16/27 | 18.8/4.8 | 26100 | 1 month | Alive |
| 8            | 33  | F   | 1   | 3        | 17/25   | 7.9/2.7 | < 10  | R-CHOP | Lamivudine | 15/16 | 11.7/3.1 | 888 | 1.5 months | Alive |
| 9            | 62  | F   | 4   | 4        | 16/20   | 19.3/5.6 | < 10  | R-CHOP | Entecavir | 16/31 | 19.3/5.3 | 131 | 1 month | Died  |

Serology *: 1 refers to HBsAg (+) HBeAg (+) HBcAb(+), 2 refers to HBsAg (+) HBeAb (+) HBcAb(+) and 3 refers to the other types.
Figure S1. The dynamic changes of HBV DNA of patients occurred with HBV reactivation (n=9).