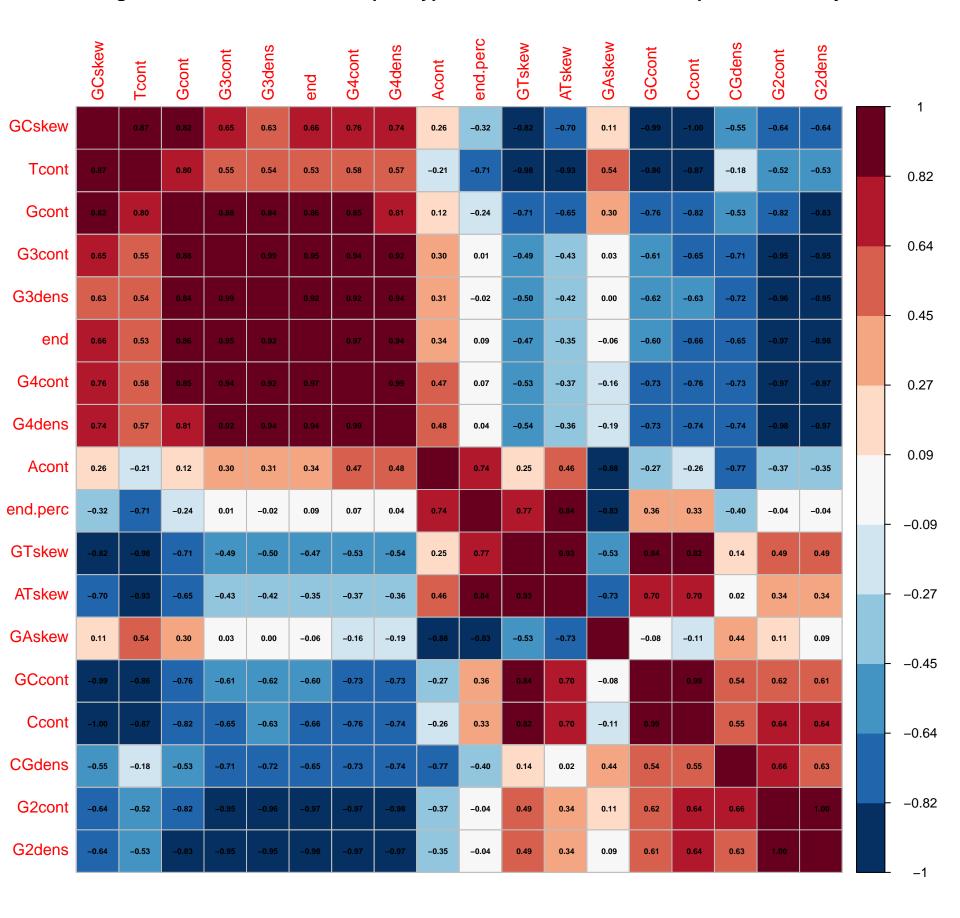
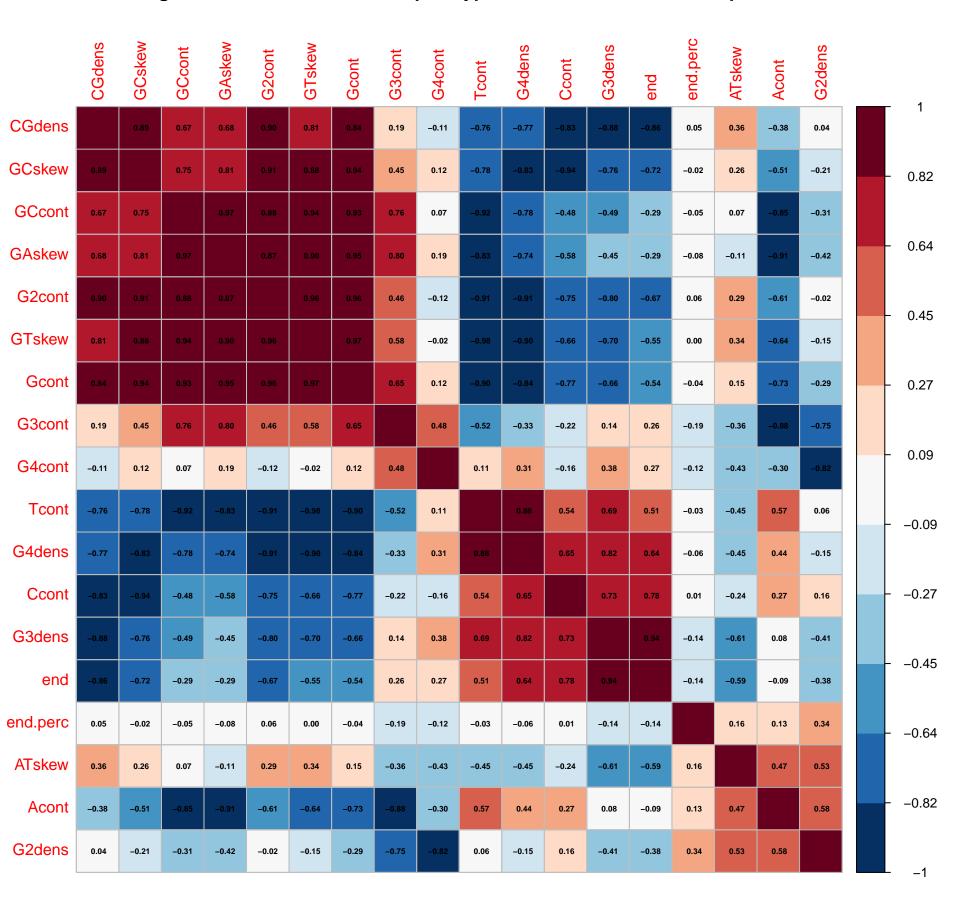
## gene\_T7\_init\_VR\_15,treat\_C,peaktype\_TOP,thres\_0,VR\_15\_end\_spearman

|          | G3cont | GCcont | GAskew | G2cont | GTskew | Gcont | CGdens | GCskew | G4cont | end.perc | Ccont | G3dens | end   | Tcont | G4dens | ATskew | Acont | G2dens | _ 1            |
|----------|--------|--------|--------|--------|--------|-------|--------|--------|--------|----------|-------|--------|-------|-------|--------|--------|-------|--------|----------------|
| G3cont   |        | 0.93   | 0.93   | 0.68   | 0.83   | 0.81  | 0.35   | 0.58   | 0.17   | 0.01     | -0.39 | -0.21  | -0.21 | -0.79 | -0.57  | -0.16  | -0.93 | -0.54  | <del>-</del> 1 |
| GCcont   | 0.93   |        | 0.97   | 0.84   | 0.94   | 0.90  | 0.58   | 0.67   | 0.07   | 0.01     | -0.47 | -0.45  | -0.42 | -0.90 | -0.75  | 0.00   | -0.92 | -0.47  | - 0.82         |
| GAskew   | 0.93   | 0.97   |        | 0.84   | 0.92   | 0.93  | 0.60   | 0.75   | 0.18   | 0.01     | -0.56 | -0.49  | -0.46 | -0.83 | -0.71  | -0.07  | -0.93 | -0.56  |                |
| G2cont   | 0.68   | 0.84   | 0.84   |        | 0.92   | 0.94  | 0.87   | 0.85   | 0.00   | 0.01     | -0.77 | -0.80  | -0.78 | -0.82 | -0.92  | 0.14   | -0.68 | -0.39  | - 0.64         |
| GTskew   | 0.83   | 0.94   | 0.92   | 0.92   |        | 0.96  | 0.74   | 0.81   | 0.12   | 0.01     | -0.67 | -0.66  | -0.64 | -0.93 | -0.83  | 0.15   | -0.79 | -0.52  | - 0.45         |
| Gcont    | 0.81   | 0.90   | 0.93   | 0.94   | 0.96   |       | 0.78   | 0.92   | 0.22   | -0.03    | -0.80 | -0.72  | -0.71 | -0.83 | -0.80  | 0.08   | -0.79 | -0.59  | 0.40           |
| CGdens   | 0.35   | 0.58   | 0.60   | 0.87   | 0.74   | 0.78  |        | 0.83   | 0.04   | -0.01    | -0.80 | -0.93  | -0.92 | -0.61 | -0.82  | 0.33   | -0.37 | -0.30  | - 0.27         |
| GCskew   | 0.58   | 0.67   | 0.75   | 0.85   | 0.81   | 0.92  | 0.83   |        | 0.31   | -0.04    | -0.95 | -0.86  | -0.86 | -0.62 | -0.71  | 0.21   | -0.54 | -0.55  |                |
| G4cont   | 0.17   | 0.07   | 0.18   | 0.00   | 0.12   | 0.22  | 0.04   | 0.31   |        | 0.18     | -0.25 | -0.04  | -0.06 | 0.08  | 0.32   | -0.25  | -0.18 | -0.64  | - 0.09         |
| end.perc | 0.01   | 0.01   | 0.01   | 0.01   | 0.01   | -0.03 | -0.01  | -0.04  | 0.18   |          | 0.02  | 0.06   | 0.05  | 0.07  | 0.07   | -0.13  | 0.01  | 0.11   | 0.09           |
| Ccont    | -0.39  | -0.47  | -0.56  | -0.77  | -0.67  | -0.80 | -0.80  | -0.95  | -0.25  | 0.02     |       | 0.87   | 0.89  | 0.47  | 0.66   | -0.25  | 0.32  | 0.43   |                |
| G3dens   | -0.21  | -0.45  | -0.49  | -0.80  | -0.66  | -0.72 | -0.93  | -0.86  | -0.04  | 0.06     | 0.87  |        | 0.97  | 0.51  | 0.76   | -0.43  | 0.22  | 0.23   | 0.27           |
| end      | -0.21  | -0.42  | -0.46  | -0.78  | -0.64  | -0.71 | -0.92  | -0.86  | -0.06  | 0.05     | 0.89  | 0.97   |       | 0.50  | 0.74   | -0.49  | 0.18  | 0.21   |                |
| Tcont    | -0.79  | -0.90  | -0.83  | -0.82  | -0.93  | -0.83 | -0.61  | -0.62  | 0.08   | 0.07     | 0.47  | 0.51   | 0.50  |       | 0.82   | -0.31  | 0.71  | 0.35   | 0.45           |
| G4dens   | -0.57  | -0.75  | -0.71  | -0.92  | -0.83  | -0.80 | -0.82  | -0.71  | 0.32   | 0.07     | 0.66  | 0.76   | 0.74  | 0.82  |        | -0.30  | 0.54  | 0.20   | 0.64           |
| ATskew   | -0.16  | 0.00   | -0.07  | 0.14   | 0.15   | 0.08  | 0.33   | 0.21   | -0.25  | -0.13    | -0.25 | -0.43  | -0.49 | -0.31 | -0.30  |        | 0.33  | 0.32   |                |
| Acont    | -0.93  | -0.92  | -0.93  | -0.68  | -0.79  | -0.79 | -0.37  | -0.54  | -0.18  | 0.01     | 0.32  | 0.22   | 0.18  | 0.71  | 0.54   | 0.33   |       | 0.56   | 0.82           |
| G2dens   | -0.54  | -0.47  | -0.56  | -0.39  | -0.52  | -0.59 | -0.30  | -0.55  | -0.64  | 0.11     | 0.43  | 0.23   | 0.21  | 0.35  | 0.20   | 0.32   | 0.56  |        | 1              |



## gene\_T7\_init\_VR\_15,treat\_C,peaktype\_TOP,thres\_0,VR\_15\_end\_pearson



|          | GAskew | G4cont | G4dens | end   | G3cont | G3dens | Gcont | GCskew | Tcont | G2cont | G2dens | CGdens | GCcont | Ccont | Acont | end.perc | GTskew | ATskew | 4      |
|----------|--------|--------|--------|-------|--------|--------|-------|--------|-------|--------|--------|--------|--------|-------|-------|----------|--------|--------|--------|
| GAskew   |        | 0.09   | 0.05   | 0.30  | 0.22   | 0.20   | 0.43  | 0.14   | 0.48  | -0.25  | -0.31  | 0.31   | 0.05   | -0.10 | -0.95 | -0.63    | -0.47  | -0.81  |        |
| G4cont   | 0.09   |        | 1.00   | 0.94  | 0.93   | 0.92   | 0.82  | 0.83   | 0.66  | -0.95  | -0.96  | -0.67  | -0.75  | -0.82 | 0.17  | 0.01     | -0.59  | -0.44  | - 0.82 |
| G4dens   | 0.05   | 1.00   |        | 0.93  | 0.92   | 0.92   | 0.79  | 0.81   | 0.63  | -0.95  | -0.95  | -0.67  | -0.74  | -0.80 | 0.20  | 0.05     | -0.56  | -0.40  |        |
| end      | 0.30   | 0.94   | 0.93   |       | 0.98   | 0.98   | 0.82  | 0.71   | 0.61  | -0.98  | -0.98  | -0.62  | -0.57  | -0.69 | -0.05 | -0.05    | -0.52  | -0.49  | - 0.64 |
| G3cont   | 0.22   | 0.93   | 0.92   | 0.98  |        | 1.00   | 0.82  | 0.75   | 0.62  | -0.96  | -0.96  | -0.72  | -0.62  | -0.73 | 0.03  | -0.07    | -0.53  | -0.47  | - 0.45 |
| G3dens   | 0.20   | 0.92   | 0.92   | 0.98  | 1.00   |        | 0.80  | 0.73   | 0.59  | -0.96  | -0.96  | -0.73  | -0.61  | -0.71 | 0.04  | -0.04    | -0.51  | -0.44  | 0.40   |
| Gcont    | 0.43   | 0.82   | 0.79   | 0.82  | 0.82   | 0.80   |       | 0.89   | 0.82  | -0.80  | -0.89  | -0.55  | -0.73  | -0.86 | -0.14 | -0.39    | -0.73  | -0.70  | - 0.27 |
| GCskew   | 0.14   | 0.83   | 0.81   | 0.71  | 0.75   | 0.73   | 0.89  |        | 0.89  | -0.74  | -0.82  | -0.65  | -0.96  | -1.00 | 0.14  | -0.41    | -0.85  | -0.64  |        |
| Tcont    | 0.48   | 0.66   | 0.63   | 0.61  | 0.62   | 0.59   | 0.82  | 0.89   |       | -0.64  | -0.71  | -0.34  | -0.84  | -0.89 | -0.26 | -0.70    | -0.99  | -0.90  | - 0.09 |
| G2cont   | -0.25  | -0.95  | -0.95  | -0.98 | -0.96  | -0.96  | -0.80 | -0.74  | -0.64 |        | 0.99   | 0.59   | 0.63   | 0.72  | 0.01  | 0.08     | 0.57   | 0.50   | 0.09   |
| G2dens   | -0.31  | -0.96  | -0.95  | -0.98 | -0.96  | -0.96  | -0.89 | -0.82  | -0.71 | 0.99   |        | 0.61   | 0.68   | 0.79  | 0.04  | 0.17     | 0.63   | 0.57   |        |
| CGdens   | 0.31   | -0.67  | -0.67  | -0.62 | -0.72  | -0.73  | -0.55 | -0.65  | -0.34 | 0.59   | 0.61   |        | 0.63   | 0.65  | -0.53 | -0.08    | 0.28   | 0.03   | 0.27   |
| GCcont   | 0.05   | -0.75  | -0.74  | -0.57 | -0.62  | -0.61  | -0.73 | -0.96  | -0.84 | 0.63   | 0.68   | 0.63   |        | 0.98  | -0.30 | 0.37     | 0.83   | 0.53   |        |
| Ccont    | -0.10  | -0.82  | -0.80  | -0.69 | -0.73  | -0.71  | -0.86 | -1.00  | -0.89 | 0.72   | 0.79   | 0.65   | 0.98   |       | -0.17 | 0.40     | 0.85   | 0.62   | 0.45   |
| Acont    | -0.95  | 0.17   | 0.20   | -0.05 | 0.03   | 0.04   | -0.14 | 0.14   | -0.26 | 0.01   | 0.04   | -0.53  | -0.30  | -0.17 |       | 0.57     | 0.27   | 0.65   | 0.64   |
| end.perc | -0.63  | 0.01   | 0.05   | -0.05 | -0.07  | -0.04  | -0.39 | -0.41  | -0.70 | 0.08   | 0.17   | -0.08  | 0.37   | 0.40  | 0.57  |          | 0.73   | 0.80   |        |
| GTskew   | -0.47  | -0.59  | -0.56  | -0.52 | -0.53  | -0.51  | -0.73 | -0.85  | -0.99 | 0.57   | 0.63   | 0.28   | 0.83   | 0.85  | 0.27  | 0.73     |        | 0.90   | 0.82   |
| ATskew   | -0.81  | -0.44  | -0.40  | -0.49 | -0.47  | -0.44  | -0.70 | -0.64  | -0.90 | 0.50   | 0.57   | 0.03   | 0.53   | 0.62  | 0.65  | 0.80     | 0.90   |        | _1     |