## Clustered Correlation Matrix for guidi all HypR VanR LiuQ NarP PhsR ZntR ${\rm NmIR}$ PrpR LtbR GntR PdxR PhnR TtrR FnrN\_FixK HcpR CsoR FadR FadP AcnR FixJ GguR CblR PaaR HrcA LiuR BioQ FruR CueR PurR RbsR DasR NtrC NnrR MerR NifA NadQ RbkR XylR ThiR BirA Phr MetR FUR SahR\_SamR NsrR ArgR CzrA KdgR MntR NagC NrtR HutC IscR PhnF AraR Zur ModE AgaR NagR LldR GulR NikR SiaR TyrR NorR SoxR HexR PhrR LexA PsrA HisR NrdR PdhR СсрА QorR ExuR\_UxuR Rex FabR SdaR NagQ AmtR GlcC RutR CadR-PbrR NiaR

