

Embryo 1 – Aggregated by Germ Layer Cluster Cluster Ectoderm 8.0 Blood Bilineage 0.6 Mesoderm Group Ectoderm Ectoderm Mesoderm 0.2 Blood Mesoderm Blood Group

Embryo 2 – Aggregated by Germ Layer Cluster Cluster Ectoderm 8.0 Blood Bilineage 0.6 Mesoderm 0.4 Group Ectoderm Ectoderm Mesoderm 0.2 Blood Mesoderm Blood Group

Embryo 3 – Aggregated by Germ Layer Cluster Cluster Ectoderm 8.0 Blood Bilineage 0.6 Mesoderm 0.4 Group Ectoderm Ectoderm Mesoderm 0.2 Blood 0 Mesoderm Blood Group

Concatenated – Tissue Groups Cluster Cluster Ectoderm blood 0.8 Blood Bilineage L brain I Mesoderm 0.4 Group R brain I Brain Gonads L brain III 0.2 Kidneys Upper Limbs R brain III Lower Limbs Blood L gonad R gonad L kidney R kidney L foot L leg R foot R leg L hand L arm R hand R arm Group

Concatenated – Germ Layer Groups Cluster Cluster Ectoderm blood 8.0 Blood Bilineage L brain I 0.6 Mesoderm 0.4 Group R brain I Ectoderm Mesoderm L brain III 0.2 Blood R brain III 0 L gonad R gonad L kidney R kidney L foot L leg R foot R leg L hand L arm R hand R arm Group

Embryo 1 – Tissue Groups Cluster Cluster Ectoderm blood 0.8 Blood Bilineage L brain I Mesoderm Group R brain I Brain Gonads L brain III 0.2 Kidneys Upper Limbs R brain III Lower Limbs Blood L gonad R gonad L kidney R kidney L foot L leg R foot R leg L hand L arm R hand R arm Group

Embryo 1 – Germ Layer Groups Cluster Cluster Ectoderm blood 8.0 Blood Bilineage L brain I 0.6 Mesoderm 0.4 Group R brain I Ectoderm Mesoderm L brain III 0.2 Blood R brain III 0 L gonad R gonad L kidney R kidney L foot L leg R foot R leg L hand L arm R hand R arm Group

Embryo 2 – Tissue Groups Cluster Cluster Ectoderm blood 0.8 Blood Bilineage L brain I Mesoderm 0.4 Group R brain I Brain Gonads L brain III 0.2 Kidneys Upper Limbs R brain III Lower Limbs Blood L gonad R gonad L kidney R kidney L foot L leg R foot R leg L hand L arm R hand

R arm

Group

Embryo 2 – Germ Layer Groups Cluster Cluster Ectoderm blood 8.0 Blood Bilineage L brain I 0.6 Mesoderm 0.4 Group R brain I Ectoderm Mesoderm L brain III 0.2 Blood R brain III 0 L gonad R gonad L kidney R kidney L foot L leg R foot R leg L hand L arm R hand R arm Group

Embryo 3 – Tissue Groups Cluster Cluster Ectoderm blood 0.8 Blood Bilineage L brain I Mesoderm 0.4 Group R brain I Brain Gonads L brain III 0.2 Kidneys Upper Limbs R brain III Lower Limbs Blood L gonad R gonad L kidney R kidney L foot L leg R foot R leg L hand L arm R hand R arm

Embryo 3 – Germ Layer Groups Cluster Cluster Ectoderm blood 8.0 Blood Bilineage L brain I 0.6 Mesoderm O.4 Group R brain I Ectoderm Mesoderm L brain III 0.2 Blood R brain III 0 L gonad R gonad L kidney R kidney L foot L leg R foot R leg L hand L arm R hand R arm Group