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"AFP\_E";

"AFP\_M";

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"PKHD1L1\_S" -> "LMX1A\_M" [color="0 0 0.423837209302", label="1.11",style=bold];

"TRPM1\_S" -> "PLA2G4D\_M" [color="0 0 0.421220930233", label="1.15",style=bold];

"XDH\_S" -> "FCRL5\_M" [color="0 0 0.418604651163", label="1.15",style=bold];

"GABRP\_S" -> "LAD1\_M" [color="0 0 0.415988372093", label="1.15",style=bold];

"PROKR1\_S" -> "KRT75\_M" [color="0 0 0.413372093023", label="1.20",style=bold];

"CHIA\_S" -> "OPN5\_M" [color="0 0 0.410755813953", label="1.20",style=bold];

"PKHD1L1\_S" -> "LGSN\_M" [color="0 0 0.408139534884", label="1.20",style=bold];

"DEFB119\_S" -> "AFP\_M" [color="0 0 0.405523255814", label="1.22",style=bold];

"SLCO6A1\_S" -> "AFP\_M" [color="0 0 0.402906976744", label="1.22",style=bold];

"XDH\_S" -> "LGSN\_E" [color="0 0 0.400290697674", label="1.22",style=bold];

"TRPM1\_S" -> "CHIA\_M" [color="0 0 0.397674418605", label="1.23",style=bold];

"STAB2\_S" -> "CHIA\_E" [color="0 0 0.395058139535", label="1.25",style=bold];

"XDH\_S" -> "CHIA\_E" [color="0 0 0.392441860465", label="1.25",style=bold];

"SLCO6A1\_S" -> "CHIA\_E" [color="0 0 0.389825581395", label="1.25",style=bold];

"CHIA\_S" -> "LAD1\_E" [color="0 0 0.387209302326", label="1.25",style=bold];

"DMRTB1\_M" -> "TMPRSS11F\_M" [color="0 0 0.384593023256", label="1.26",style=bold];

"XDH\_M" -> "MMP1\_M" [color="0 0 0.381976744186", label="1.27",style=bold];

"OPN5\_S" -> "CHIA\_M" [color="0 0 0.379360465116", label="1.30",style=bold];

"FCRL5\_S" -> "PKHD1L1\_M" [color="0 0 0.376744186047", label="1.31",style=bold];

"DMRTB1\_S" -> "TMPRSS11F\_E" [color="0 0 0.374127906977", label="1.32",style=bold];

"LGSN\_S" -> "LAD1\_M" [color="0 0 0.371511627907", label="1.33",style=bold];

"FCRL5\_S" -> "LMX1A\_E" [color="0 0 0.368895348837", label="1.39",style=bold];

"CHIA\_S" -> "LAD1\_M" [color="0 0 0.366279069767", label="1.39",style=bold];

"SLC6A18\_M" -> "ABCG8\_M" [color="0 0 0.363662790698", label="1.40",style=bold];

"XDH\_E" -> "PKHD1L1\_M" [color="0 0 0.361046511628", label="1.41",style=bold];

"AFP\_E" -> "FCRL5\_E" [color="0 0 0.358430232558", label="1.46",style=bold];

"LAD1\_S" -> "HOXA11\_E" [color="0 0 0.355813953488", label="1.47",style=bold];

"SLC6A18\_S" -> "HOXA11\_M" [color="0 0 0.353197674419", label="1.47",style=bold];

"XDH\_S" -> "HOXA11\_E" [color="0 0 0.350581395349", label="1.47",style=bold];

"FCRL5\_S" -> "PKHD1L1\_E" [color="0 0 0.347965116279", label="1.48",style=bold];

"PKHD1L1\_S" -> "ALDH3B2\_E" [color="0 0 0.345348837209", label="1.48",style=bold];

"TMPRSS11F\_S" -> "KRT75\_E" [color="0 0 0.34273255814", label="1.48",style=bold];

"DEFB119\_S" -> "KRT75\_E" [color="0 0 0.34011627907", label="1.49",style=bold];

"MMP1\_S" -> "PKHD1L1\_M" [color="0 0 0.3375", label="1.54",style=bold];

"FCRL5\_S" -> "Survival" [color="0 0 0.33488372093", label="1.55",style=bold];

"TRPM1\_E" -> "SLCO6A1\_E" [color="0 0 0.33226744186", label="1.60",style=bold];

"DEFB119\_S" -> "FCRL5\_E" [color="0 0 0.329651162791", label="1.62",style=bold];

"XDH\_S" -> "FCRL5\_E" [color="0 0 0.327034883721", label="1.62",style=bold];

"PLA2G4D\_M" -> "CHIA\_M" [color="0 0 0.324418604651", label="1.63",style=bold];

"PROKR1\_S" -> "CHIA\_E" [color="0 0 0.321802325581", label="1.65",style=bold];

"MMP1\_S" -> "TMPRSS11F\_E" [color="0 0 0.319186046512", label="1.73",style=bold];

"FCRL5\_S" -> "DMRTB1\_E" [color="0 0 0.316569767442", label="1.76",style=bold];

"SLCO6A1\_E" -> "KRT75\_M" [color="0 0 0.313953488372", label="1.79",style=bold];

"SLC6A18\_S" -> "HOXA11\_E" [color="0 0 0.311337209302", label="1.79",style=bold];

"TMPRSS11F\_M" -> "OPN5\_E" [color="0 0 0.308720930233", label="1.80",style=bold];

"MMP1\_S" -> "SLC6A18\_M" [color="0 0 0.306104651163", label="1.81",style=bold];

"PKHD1L1\_S" -> "Survival" [color="0 0 0.303488372093", label="1.83",style=bold];

"HOXA11\_E" -> "GABRP\_E" [color="0 0 0.300872093023", label="1.88",style=bold];

"AFP\_E" -> "XDH\_E" [color="0 0 0.298255813953", label="1.89",style=bold];

"XDH\_E" -> "HOXA11\_E" [color="0 0 0.295639534884", label="1.91",style=bold];

"DMRTB1\_S" -> "PROKR1\_E" [color="0 0 0.293023255814", label="1.95",style=bold];

"LGSN\_S" -> "TRPM1\_M" [color="0 0 0.290406976744", label="1.96",style=bold];

"SLC6A18\_E" -> "PLA2G4D\_E" [color="0 0 0.287790697674", label="1.97",style=bold];

"XDH\_M" -> "ALDH3B2\_M" [color="0 0 0.285174418605", label="2.05",style=bold];

"ABCG8\_S" -> "LAD1\_E" [color="0 0 0.282558139535", label="2.08",style=bold];

"ALDH3B2\_M" -> "LGSN\_M" [color="0 0 0.279941860465", label="2.08",style=bold];

"TMPRSS11F\_S" -> "XDH\_E" [color="0 0 0.277325581395", label="2.16",style=bold];

"TRPM1\_E" -> "OPN5\_E" [color="0 0 0.274709302326", label="2.25",style=bold];

"XDH\_M" -> "LGSN\_M" [color="0 0 0.272093023256", label="2.30",style=bold];

"GABRP\_M" -> "DEFB119\_M" [color="0 0 0.269476744186", label="2.43",style=bold];

"TRPM1\_S" -> "OPN5\_E" [color="0 0 0.266860465116", label="2.48",style=bold];

"PKHD1L1\_S" -> "FCRL5\_M" [color="0 0 0.264244186047", label="2.51",style=bold];

"DEFB119\_E" -> "CHIA\_E" [color="0 0 0.261627906977", label="2.61",style=bold];

"FCRL5\_S" -> "CHIA\_E" [color="0 0 0.259011627907", label="2.74",style=bold];

"KRT75\_E" -> "LMX1A\_M" [color="0 0 0.256395348837", label="2.77",style=bold];

"MMP1\_S" -> "OPN5\_E" [color="0 0 0.253779069767", label="2.77",style=bold];

"TRPM1\_S" -> "PROKR1\_S" [color="0 0 0.251162790698", label="2.89",style=bold];

"ALDH3B2\_M" -> "TMPRSS11F\_M" [color="0 0 0.248546511628", label="2.91",style=bold];

"PROKR1\_M" -> "TMPRSS11F\_E" [color="0 0 0.245930232558", label="2.97",style=bold];

"TRPM1\_M" -> "DEFB119\_E" [color="0 0 0.243313953488", label="3.00",style=bold];

"TRPM1\_E" -> "PROKR1\_E" [color="0 0 0.240697674419", label="3.21",style=bold];

"PKHD1L1\_S" -> "AFP\_E" [color="0 0 0.238081395349", label="3.31",style=bold];

"SLC6A18\_S" -> "SLCO6A1\_E" [color="0 0 0.235465116279", label="3.37",style=bold];

"OPN5\_E" -> "LGSN\_M" [color="0 0 0.232848837209", label="3.37",style=bold];

"PROKR1\_M" -> "FCRL5\_M" [color="0 0 0.23023255814", label="3.72",style=bold];

"KRT75\_E" -> "OPN5\_M" [color="0 0 0.22761627907", label="3.76",style=bold];

"DMRTB1\_M" -> "STAB2\_E" [color="0 0 0.225", label="3.82",style=bold];

"PROKR1\_M" -> "DMRTB1\_E" [color="0 0 0.22238372093", label="3.89",style=bold];

"ALDH3B2\_E" -> "ABCG8\_E" [color="0 0 0.21976744186", label="3.92",style=bold];

"SLCO6A1\_E" -> "LGSN\_M" [color="0 0 0.217151162791", label="3.98",style=bold];

"LAD1\_S" -> "FCRL5\_S" [color="0 0 0.214534883721", label="3.98",style=bold];

"ALDH3B2\_S" -> "LGSN\_S" [color="0 0 0.211918604651", label="3.98",style=bold];

"ALDH3B2\_S" -> "TMPRSS11F\_S" [color="0 0 0.209302325581", label="3.98",style=bold];

"LAD1\_M" -> "PKHD1L1\_M" [color="0 0 0.206686046512", label="4.18",style=bold];

"DMRTB1\_M" -> "SLCO6A1\_M" [color="0 0 0.204069767442", label="4.22",style=bold];

"TRPM1\_E" -> "LMX1A\_E" [color="0 0 0.201453488372", label="4.32",style=bold];

"SLC6A18\_E" -> "PLA2G4D\_M" [color="0 0 0.198837209302", label="4.37",style=bold];

"STAB2\_E" -> "LMX1A\_E" [color="0 0 0.196220930233", label="4.65",style=bold];

"OPN5\_S" -> "DEFB119\_S" [color="0 0 0.193604651163", label="4.67",style=bold];

"DMRTB1\_S" -> "CHIA\_S" [color="0 0 0.190988372093", label="4.67",style=bold];

"SLC6A18\_E" -> "PROKR1\_E" [color="0 0 0.188372093023", label="4.77",style=bold];

"SLC6A18\_E" -> "DEFB119\_M" [color="0 0 0.185755813953", label="4.77",style=bold];

"ABCG8\_M" -> "SLCO6A1\_M" [color="0 0 0.183139534884", label="4.80",style=bold];

"ABCG8\_E" -> "TRPM1\_E" [color="0 0 0.180523255814", label="4.81",style=bold];

"ABCG8\_M" -> "STAB2\_M" [color="0 0 0.177906976744", label="4.93",style=bold];

"AFP\_E" -> "DEFB119\_M" [color="0 0 0.175290697674", label="5.17",style=bold];

"LAD1\_E" -> "STAB2\_E" [color="0 0 0.172674418605", label="5.22",style=bold];

"LAD1\_M" -> "STAB2\_M" [color="0 0 0.170058139535", label="5.44",style=bold];

"SLC6A18\_M" -> "KRT75\_E" [color="0 0 0.167441860465", label="5.53",style=bold];

"OPN5\_M" -> "GABRP\_E" [color="0 0 0.164825581395", label="6.16",style=bold];

"LMX1A\_M" -> "DEFB119\_M" [color="0 0 0.162209302326", label="6.16",style=bold];

"LAD1\_M" -> "SLCO6A1\_M" [color="0 0 0.159593023256", label="6.44",style=bold];

"DEFB119\_E" -> "TMPRSS11F\_E" [color="0 0 0.156976744186", label="6.46",style=bold];

"OPN5\_E" -> "STAB2\_E" [color="0 0 0.154360465116", label="6.66",style=bold];

"ABCG8\_M" -> "TMPRSS11F\_M" [color="0 0 0.151744186047", label="6.81",style=bold];

"DEFB119\_E" -> "SLCO6A1\_E" [color="0 0 0.149127906977", label="6.83",style=bold];

"AFP\_E" -> "PLA2G4D\_E" [color="0 0 0.146511627907", label="6.89",style=bold];

"TMPRSS11F\_E" -> "PLA2G4D\_E" [color="0 0 0.143895348837", label="6.90",style=bold];

"CHIA\_M" -> "MMP1\_M" [color="0 0 0.141279069767", label="6.92",style=bold];

"TMPRSS11F\_M" -> "Survival" [color="0 0 0.138662790698", label="6.92",style=bold];

"LAD1\_E" -> "GABRP\_E" [color="0 0 0.136046511628", label="7.10",style=bold];

"DEFB119\_E" -> "PLA2G4D\_E" [color="0 0 0.133430232558", label="7.29",style=bold];

"FCRL5\_M" -> "STAB2\_M" [color="0 0 0.130813953488", label="7.30",style=bold];

"TMPRSS11F\_M" -> "LAD1\_E" [color="0 0 0.128197674419", label="7.70",style=bold];

"DEFB119\_E" -> "HOXA11\_E" [color="0 0 0.125581395349", label="7.75",style=bold];

"LAD1\_E" -> "ALDH3B2\_E" [color="0 0 0.122965116279", label="7.79",style=bold];

"PROKR1\_M" -> "ABCG8\_M" [color="0 0 0.120348837209", label="7.82",style=bold];

"LAD1\_M" -> "DMRTB1\_M" [color="0 0 0.11773255814", label="8.04",style=bold];

"KRT75\_E" -> "GABRP\_E" [color="0 0 0.11511627907", label="8.51",style=bold];

"TRPM1\_M" -> "GABRP\_M" [color="0 0 0.1125", label="8.55",style=bold];

"MMP1\_M" -> "LGSN\_M" [color="0 0 0.10988372093", label="8.56",style=bold];

"KRT75\_E" -> "DEFB119\_M" [color="0 0 0.10726744186", label="8.57",style=bold];

"OPN5\_E" -> "DEFB119\_M" [color="0 0 0.104651162791", label="8.79",style=bold];

"TRPM1\_M" -> "LAD1\_M" [color="0 0 0.102034883721", label="8.99",style=bold];

"SLC6A18\_M" -> "HOXA11\_E" [color="0 0 0.0994186046512", label="9.37",style=bold];

"PKHD1L1\_M" -> "PLA2G4D\_E" [color="0 0 0.0968023255814", label="9.47",style=bold];

"DMRTB1\_M" -> "SLC6A18\_E" [color="0 0 0.0941860465116", label="10.04",style=bold];

"MMP1\_E" -> "GABRP\_E" [color="0 0 0.0915697674419", label="10.22",style=bold];

"HOXA11\_E" -> "CHIA\_M" [color="0 0 0.0889534883721", label="10.54",style=bold];

"PLA2G4D\_M" -> "OPN5\_M" [color="0 0 0.0863372093023", label="10.96",style=bold];

"PLA2G4D\_M" -> "ABCG8\_M" [color="0 0 0.0837209302326", label="10.97",style=bold];

"LAD1\_M" -> "AFP\_E" [color="0 0 0.0811046511628", label="10.98",style=bold];

"PLA2G4D\_M" -> "LAD1\_E" [color="0 0 0.078488372093", label="11.14",style=bold];

"PROKR1\_M" -> "PLA2G4D\_M" [color="0 0 0.0758720930233", label="11.19",style=bold];

"TRPM1\_M" -> "LGSN\_E" [color="0 0 0.0732558139535", label="11.85",style=bold];

"SLC6A18\_E" -> "DEFB119\_E" [color="0 0 0.0706395348837", label="12.53",style=bold];

"SLC6A18\_M" -> "OPN5\_M" [color="0 0 0.068023255814", label="12.64",style=bold];

"DEFB119\_E" -> "LMX1A\_E" [color="0 0 0.0654069767442", label="12.80",style=bold];

"MMP1\_E" -> "LAD1\_E" [color="0 0 0.0627906976744", label="12.98",style=bold];

"PROKR1\_M" -> "KRT75\_M" [color="0 0 0.0601744186047", label="13.27",style=bold];

"ALDH3B2\_M" -> "TRPM1\_M" [color="0 0 0.0575581395349", label="13.31",style=bold];

"TRPM1\_M" -> "STAB2\_E" [color="0 0 0.0549418604651", label="13.44",style=bold];

"HOXA11\_E" -> "HOXA11\_M" [color="0 0 0.0523255813953", label="13.47",style=bold];

"STAB2\_M" -> "LMX1A\_E" [color="0 0 0.0497093023256", label="14.23",style=bold];

"DMRTB1\_M" -> "MMP1\_M" [color="0 0 0.0470930232558", label="14.51",style=bold];

"TRPM1\_M" -> "PKHD1L1\_M" [color="0 0 0.044476744186", label="14.82",style=bold];

"TMPRSS11F\_M" -> "CHIA\_M" [color="0 0 0.0418604651163", label="14.97",style=bold];

"DMRTB1\_M" -> "GABRP\_M" [color="0 0 0.0392441860465", label="15.53",style=bold];

"HOXA11\_E" -> "ABCG8\_E" [color="0 0 0.0366279069767", label="17.48",style=bold];

"ABCG8\_M" -> "KRT75\_M" [color="0 0 0.034011627907", label="18.25",style=bold];

"PLA2G4D\_E" -> "ABCG8\_E" [color="0 0 0.0313953488372", label="19.77",style=bold];

"LMX1A\_M" -> "HOXA11\_M" [color="0 0 0.0287790697674", label="20.24",style=bold];

"LMX1A\_M" -> "TRPM1\_M" [color="0 0 0.0261627906977", label="20.66",style=bold];

"SLC6A18\_M" -> "PROKR1\_M" [color="0 0 0.0235465116279", label="20.95",style=bold];

"FCRL5\_M" -> "ALDH3B2\_M" [color="0 0 0.0209302325581", label="21.58",style=bold];

"TRPM1\_M" -> "PLA2G4D\_M" [color="0 0 0.0183139534884", label="21.59",style=bold];

"SLC6A18\_M" -> "LMX1A\_M" [color="0 0 0.0156976744186", label="23.02",style=bold];

"LMX1A\_M" -> "PROKR1\_M" [color="0 0 0.0130813953488", label="25.98",style=bold];

"XDH\_M" -> "DMRTB1\_M" [color="0 0 0.0104651162791", label="26.52",style=bold];

"LMX1A\_M" -> "LAD1\_M" [color="0 0 0.0078488372093", label="30.06",style=bold];

"SLC6A18\_M" -> "FCRL5\_M" [color="0 0 0.00523255813953", label="36.80",style=bold];

"TMPRSS11F\_M" -> "AFP\_M" [color="0 0 0.00261627906977", label="42.26",style=bold];

"XDH\_M" -> "SLC6A18\_M" [color="0 0 0.0", label="49.55",style=bold];

}