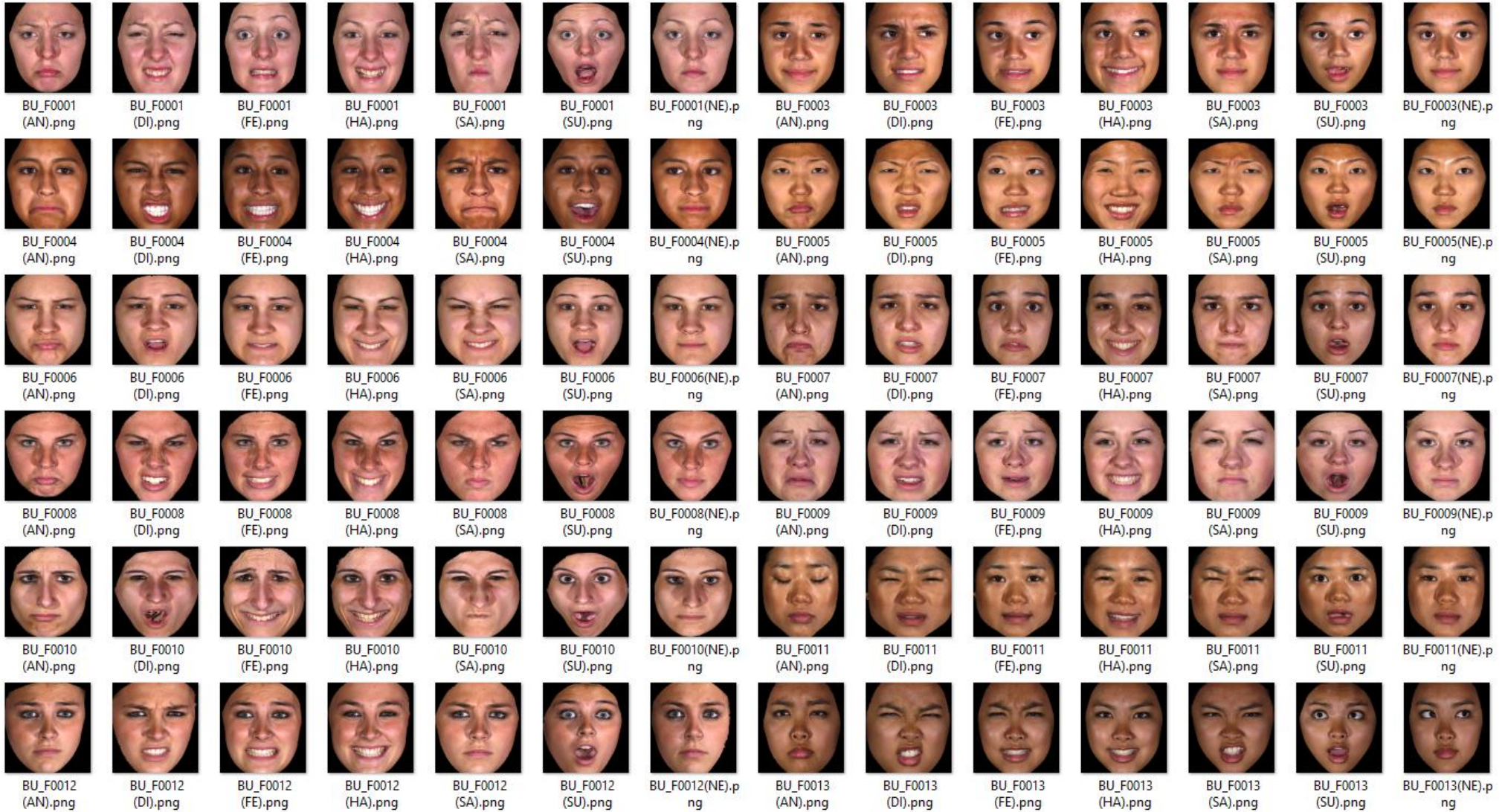


Some parts of our training data and List of all face images

From BU3DFE:



From Multi-PIE:



From RaFD:



Since the images are under copyright, we can just refer them. But some of our probe images and their selected Guidance Face are shown as below:

Test



RaFD_Face20_ma

GF



RaFD_Face12_ma

Test



RaFD_Face27_fe

GF



RaFD_Face7_fe

Test



RaFD_Face31_ma

GF



RaFD_Face33_ma

Test



RaFD_Face1_fe

GF



RaFD_Face10_fe

Test



BU_F0002 (NE)

GF



BU_F0024(NE)

Test



BU_F0053(FE)

GF



BU_F0043(FE)

Test



BU_M0027 (HA)

GF



BU_M0024 (HA)

Test



BU_F0051 (FE)

GF



BU_F0020 (FE)

The filenames of all employed face images from BU3DFE, Multi-PIE and RaFD datasets:

'BU_F0001 (AN)'	'BU_F0027 (SU)'	'BU_F0055 (HA)'	'BU_M0026 (DI)'	'PIE_017 (NE)'	'PIE_071 (NE)'	'PIE_139 (NE)'	'PIE_230 (NE)'
'BU_F0001 (DI)'	'BU_F0027(NE)'	'BU_F0055 (SA)'	'BU_M0026 (FE)'	'PIE_017 (Sc)'	'PIE_071 (Sc)'	'PIE_139 (Sc)'	'PIE_230 (Sc)'
'BU_F0001 (FE)'	'BU_F0028 (AN)'	'BU_F0055 (SU)'	'BU_M0026 (HA)'	'PIE_017 (Sm)'	'PIE_071 (Sm)'	'PIE_139 (Sm)'	'PIE_230 (Sm)'
'BU_F0001 (HA)'	'BU_F0028 (DI)'	'BU_F0055(NE)'	'BU_M0026 (SA)'	'PIE_017 (Sq)'	'PIE_071 (Sq)'	'PIE_139 (Sq)'	'PIE_230 (Sq)'
'BU_F0001 (SA)'	'BU_F0028 (FE)'	'BU_F0056 (AN)'	'BU_M0026 (SU)'	'PIE_017 (Su)'	'PIE_071 (Su)'	'PIE_139 (Su)'	'PIE_230 (Su)'
'BU_F0001 (SU)'	'BU_F0028 (HA)'	'BU_F0056 (DI)'	'BU_M0026_ma'	'PIE_018 (NE)'	'PIE_074 (NE)'	'PIE_143 (NE)'	'PIE_235 (NE)'
'BU_F0001(NE)'	'BU_F0028 (SA)'	'BU_F0056 (FE)'	'BU_M0028 (AN)'	'PIE_018 (Sc)'	'PIE_074 (Sc)'	'PIE_143 (Sc)'	'PIE_235 (Sc)'
'BU_F0003 (AN)'	'BU_F0028 (SU)'	'BU_F0056 (HA)'	'BU_M0028 (DI)'	'PIE_018 (Sm)'	'PIE_074 (Sm)'	'PIE_143 (Sm)'	'PIE_235 (Sm)'
'BU_F0003 (DI)'	'BU_F0028(NE)'	'BU_F0056 (SA)'	'BU_M0028 (FE)'	'PIE_018 (Sq)'	'PIE_074 (Sq)'	'PIE_143 (Sq)'	'PIE_235 (Sq)'
'BU_F0003 (FE)'	'BU_F0029 (AN)'	'BU_F0056 (SU)'	'BU_M0028 (HA)'	'PIE_018 (Su)'	'PIE_074 (Su)'	'PIE_143 (Su)'	'PIE_235 (Su)'
'BU_F0003 (HA)'	'BU_F0029 (DI)'	'BU_F0056(NE)'	'BU_M0028 (SA)'	'PIE_019 (NE)'	'PIE_076 (NE)'	'PIE_145 (NE)'	'PIE_236 (NE)'
'BU_F0003 (SA)'	'BU_F0029 (FE)'	'BU_M0001 (AN)'	'BU_M0028 (SU)'	'PIE_019 (Sc)'	'PIE_076 (Sc)'	'PIE_145 (Sc)'	'PIE_236 (Sc)'
'BU_F0003 (SU)'	'BU_F0029 (HA)'	'BU_M0001 (DI)'	'BU_M0028_ma'	'PIE_019 (Sm)'	'PIE_076 (Sm)'	'PIE_145 (Sm)'	'PIE_236 (Sm)'
'BU_F0003(NE)'	'BU_F0029 (SA)'	'BU_M0001 (FE)'	'BU_M0029 (AN)'	'PIE_019 (Sq)'	'PIE_076 (Sq)'	'PIE_145 (Sq)'	'PIE_236 (Sq)'
'BU_F0004 (AN)'	'BU_F0029 (SU)'	'BU_M0001 (HA)'	'BU_M0029 (DI)'	'PIE_019 (Su)'	'PIE_076 (Su)'	'PIE_145 (Su)'	'PIE_236 (Su)'
'BU_F0004 (DI)'	'BU_F0029(NE)'	'BU_M0001 (SA)'	'BU_M0029 (FE)'	'PIE_020 (NE)'	'PIE_078 (NE)'	'PIE_149 (NE)'	'PIE_240 (NE)'
'BU_F0004 (FE)'	'BU_F0030 (AN)'	'BU_M0001 (SU)'	'BU_M0029 (HA)'	'PIE_020 (Sc)'	'PIE_078 (Sc)'	'PIE_149 (Sc)'	'PIE_240 (Sc)'
'BU_F0004 (HA)'	'BU_F0030 (DI)'	'BU_M0001_ma'	'BU_M0029 (SA)'	'PIE_020 (Sm)'	'PIE_078 (Sm)'	'PIE_149 (Sm)'	'PIE_240 (Sm)'
'BU_F0004 (SA)'	'BU_F0030 (FE)'	'BU_M0003 (AN)'	'BU_M0029 (SU)'	'PIE_020 (Sq)'	'PIE_078 (Sq)'	'PIE_149 (Sq)'	'PIE_240 (Sq)'
'BU_F0004 (SU)'	'BU_F0030 (HA)'	'BU_M0003 (DI)'	'BU_M0029_ma'	'PIE_020 (Su)'	'PIE_078 (Su)'	'PIE_149 (Su)'	'PIE_240 (Su)'
'BU_F0004(NE)'	'BU_F0030 (SA)'	'BU_M0003 (FE)'	'BU_M0030 (AN)'	'PIE_022 (NE)'	'PIE_079 (NE)'	'PIE_150 (NE)'	'PIE_241 (NE)'
'BU_F0005 (AN)'	'BU_F0030 (SU)'	'BU_M0003 (HA)'	'BU_M0030 (DI)'	'PIE_022 (Sc)'	'PIE_079 (Sc)'	'PIE_150 (Sc)'	'PIE_241 (Sc)'
'BU_F0005 (DI)'	'BU_F0030(NE)'	'BU_M0003 (SA)'	'BU_M0030 (FE)'	'PIE_022 (Sm)'	'PIE_079 (Sm)'	'PIE_150 (Sm)'	'PIE_241 (Sm)'
'BU_F0005 (FE)'	'BU_F0031 (AN)'	'BU_M0003 (SU)'	'BU_M0030 (HA)'	'PIE_022 (Sq)'	'PIE_079 (Sq)'	'PIE_150 (Sq)'	'PIE_241 (Sq)'
'BU_F0005 (HA)'	'BU_F0031 (DI)'	'BU_M0003_ma'	'BU_M0030 (SA)'	'PIE_022 (Su)'	'PIE_079 (Su)'	'PIE_150 (Su)'	'PIE_241 (Su)'
'BU_F0005 (SA)'	'BU_F0031 (FE)'	'BU_M0004 (AN)'	'BU_M0030 (SU)'	'PIE_023 (NE)'	'PIE_080 (NE)'	'PIE_156 (NE)'	'PIE_246 (NE)'
'BU_F0005 (SU)'	'BU_F0031 (HA)'	'BU_M0004 (DI)'	'BU_M0030_ma'	'PIE_023 (Sc)'	'PIE_080 (Sc)'	'PIE_156 (Sc)'	'PIE_246 (Sc)'
'BU_F0005(NE)'	'BU_F0031 (SA)'	'BU_M0004 (FE)'	'BU_M0031 (AN)'	'PIE_023 (Sm)'	'PIE_080 (Sm)'	'PIE_156 (Sm)'	'PIE_246 (Sm)'
'BU_F0006 (AN)'	'BU_F0031 (SU)'	'BU_M0004 (HA)'	'BU_M0031 (DI)'	'PIE_023 (Sq)'	'PIE_080 (Sq)'	'PIE_156 (Sq)'	'PIE_246 (Sq)'
'BU_F0006 (DI)'	'BU_F0031(NE)'	'BU_M0004 (SA)'	'BU_M0031 (FE)'	'PIE_023 (Su)'	'PIE_080 (Su)'	'PIE_156 (Su)'	'PIE_246 (Su)'
'BU_F0006 (FE)'	'BU_F0032 (AN)'	'BU_M0004 (SU)'	'BU_M0031 (HA)'	'PIE_027 (NE)'	'PIE_083 (NE)'	'PIE_157 (NE)'	'PIE_248 (NE)'
'BU_F0006 (HA)'	'BU_F0032 (DI)'	'BU_M0004_ma'	'BU_M0031 (SA)'	'PIE_027 (Sc)'	'PIE_083 (Sc)'	'PIE_157 (Sc)'	'PIE_248 (Sc)'

'BU_F0006 (SA)'	'BU_F0032 (FE)'	'BU_M0005 (AN)'	'BU_M0031 (SU)'	'PIE_027 (Sm)'	'PIE_083 (Sm)'	'PIE_157 (Sm)'	'PIE_248 (Sm)'
'BU_F0006 (SU)'	'BU_F0032 (HA)'	'BU_M0005 (DI)'	'BU_M0031_ma'	'PIE_027 (Sq)'	'PIE_083 (Sq)'	'PIE_157 (Sq)'	'PIE_248 (Sq)'
'BU_F0006(NE)'	'BU_F0032 (SA)'	'BU_M0005 (FE)'	'BU_M0032 (AN)'	'PIE_027 (Su)'	'PIE_083 (Su)'	'PIE_157 (Su)'	'PIE_248 (Su)'
'BU_F0007 (AN)'	'BU_F0032 (SU)'	'BU_M0005 (HA)'	'BU_M0032 (DI)'	'PIE_028 (NE)'	'PIE_097 (NE)'	'PIE_161 (NE)'	'PIE_250 (NE)'
'BU_F0007 (DI)'	'BU_F0032(NE)'	'BU_M0005 (SA)'	'BU_M0032 (FE)'	'PIE_028 (Sc)'	'PIE_097 (Sc)'	'PIE_161 (Sc)'	'PIE_250 (Sc)'
'BU_F0007 (FE)'	'BU_F0033 (AN)'	'BU_M0005 (SU)'	'BU_M0032 (HA)'	'PIE_028 (Sm)'	'PIE_097 (Sm)'	'PIE_161 (Sm)'	'PIE_250 (Sm)'
'BU_F0007 (HA)'	'BU_F0033 (DI)'	'BU_M0005_ma'	'BU_M0032 (SA)'	'PIE_028 (Sq)'	'PIE_097 (Sq)'	'PIE_161 (Sq)'	'PIE_250 (Sq)'
'BU_F0007 (SA)'	'BU_F0033 (FE)'	'BU_M0006 (AN)'	'BU_M0032 (SU)'	'PIE_028 (Su)'	'PIE_097 (Su)'	'PIE_161 (Su)'	'PIE_250 (Su)'
'BU_F0007 (SU)'	'BU_F0033 (HA)'	'BU_M0006 (DI)'	'BU_M0032_ma'	'PIE_029 (NE)'	'PIE_100 (NE)'	'PIE_167 (NE)'	'PIE_251 (NE)'
'BU_F0007(NE)'	'BU_F0033 (SA)'	'BU_M0006 (FE)'	'BU_M0033 (AN)'	'PIE_029 (Sc)'	'PIE_100 (Sc)'	'PIE_167 (Sc)'	'PIE_251 (Sc)'
'BU_F0008 (AN)'	'BU_F0033 (SU)'	'BU_M0006 (HA)'	'BU_M0033 (DI)'	'PIE_029 (Sm)'	'PIE_100 (Sm)'	'PIE_167 (Sm)'	'PIE_251 (Sm)'
'BU_F0008 (DI)'	'BU_F0033(NE)'	'BU_M0006 (SA)'	'BU_M0033 (FE)'	'PIE_029 (Sq)'	'PIE_100 (Sq)'	'PIE_167 (Sq)'	'PIE_251 (Sq)'
'BU_F0008 (FE)'	'BU_F0034 (AN)'	'BU_M0006 (SU)'	'BU_M0033 (HA)'	'PIE_029 (Su)'	'PIE_100 (Su)'	'PIE_167 (Su)'	'PIE_251 (Su)'
'BU_F0008 (HA)'	'BU_F0034 (DI)'	'BU_M0006_ma'	'BU_M0033 (SA)'	'PIE_033 (NE)'	'PIE_102 (NE)'	'PIE_168 (NE)'	'PIE_252 (NE)'
'BU_F0008 (SA)'	'BU_F0034 (FE)'	'BU_M0007 (AN)'	'BU_M0033 (SU)'	'PIE_033 (Sc)'	'PIE_102 (Sc)'	'PIE_168 (Sc)'	'PIE_252 (Sc)'
'BU_F0008 (SU)'	'BU_F0034 (HA)'	'BU_M0007 (DI)'	'BU_M0033_ma'	'PIE_033 (Sm)'	'PIE_102 (Sm)'	'PIE_168 (Sm)'	'PIE_252 (Sm)'
'BU_F0008(NE)'	'BU_F0034 (SA)'	'BU_M0007 (FE)'	'BU_M0034 (AN)'	'PIE_033 (Sq)'	'PIE_102 (Sq)'	'PIE_168 (Sq)'	'PIE_252 (Sq)'
'BU_F0009 (AN)'	'BU_F0034 (SU)'	'BU_M0007 (HA)'	'BU_M0034 (DI)'	'PIE_033 (Su)'	'PIE_102 (Su)'	'PIE_168 (Su)'	'PIE_252 (Su)'
'BU_F0009 (DI)'	'BU_F0034(NE)'	'BU_M0007 (SA)'	'BU_M0034 (FE)'	'PIE_034 (NE)'	'PIE_103 (NE)'	'PIE_169 (NE)'	'PIE_253 (NE)'
'BU_F0009 (FE)'	'BU_F0035 (AN)'	'BU_M0007 (SU)'	'BU_M0034 (HA)'	'PIE_034 (Sc)'	'PIE_103 (Sc)'	'PIE_169 (Sc)'	'PIE_253 (Sc)'
'BU_F0009 (HA)'	'BU_F0035 (DI)'	'BU_M0007_ma'	'BU_M0034 (SA)'	'PIE_034 (Sm)'	'PIE_103 (Sm)'	'PIE_169 (Sm)'	'PIE_253 (Sm)'
'BU_F0009 (SA)'	'BU_F0035 (FE)'	'BU_M0008 (AN)'	'BU_M0034 (SU)'	'PIE_034 (Sq)'	'PIE_103 (Sq)'	'PIE_169 (Sq)'	'PIE_253 (Sq)'
'BU_F0009 (SU)'	'BU_F0035 (HA)'	'BU_M0008 (DI)'	'BU_M0034_ma'	'PIE_034 (Su)'	'PIE_103 (Su)'	'PIE_169 (Su)'	'PIE_253 (Su)'
'BU_F0009(NE)'	'BU_F0035 (SA)'	'BU_M0008 (FE)'	'BU_M0035 (AN)'	'PIE_035 (NE)'	'PIE_104 (NE)'	'PIE_175 (NE)'	'PIE_255 (NE)'
'BU_F0010 (AN)'	'BU_F0035 (SU)'	'BU_M0008 (HA)'	'BU_M0035 (DI)'	'PIE_035 (Sc)'	'PIE_104 (Sc)'	'PIE_175 (Sc)'	'PIE_255 (Sc)'
'BU_F0010 (DI)'	'BU_F0035(NE)'	'BU_M0008 (SA)'	'BU_M0035 (FE)'	'PIE_035 (Sm)'	'PIE_104 (Sm)'	'PIE_175 (Sm)'	'PIE_255 (Sm)'
'BU_F0010 (FE)'	'BU_F0036 (AN)'	'BU_M0008 (SU)'	'BU_M0035 (HA)'	'PIE_035 (Sq)'	'PIE_104 (Sq)'	'PIE_175 (Sq)'	'PIE_255 (Sq)'
'BU_F0010 (HA)'	'BU_F0036 (DI)'	'BU_M0008_ma'	'BU_M0035 (SA)'	'PIE_035 (Su)'	'PIE_104 (Su)'	'PIE_175 (Su)'	'PIE_255 (Su)'
'BU_F0010 (SA)'	'BU_F0036 (FE)'	'BU_M0009 (AN)'	'BU_M0035 (SU)'	'PIE_036 (NE)'	'PIE_105 (NE)'	'PIE_177 (NE)'	'PIE_261 (NE)'
'BU_F0010 (SU)'	'BU_F0036 (HA)'	'BU_M0009 (DI)'	'BU_M0035_ma'	'PIE_036 (Sc)'	'PIE_105 (Sc)'	'PIE_177 (Sc)'	'PIE_261 (Sc)'
'BU_F0010(NE)'	'BU_F0036 (SA)'	'BU_M0009 (FE)'	'BU_M0036 (AN)'	'PIE_036 (Sm)'	'PIE_105 (Sm)'	'PIE_177 (Sm)'	'PIE_261 (Sm)'
'BU_F0011 (AN)'	'BU_F0036 (SU)'	'BU_M0009 (HA)'	'BU_M0036 (DI)'	'PIE_036 (Sq)'	'PIE_105 (Sq)'	'PIE_177 (Sq)'	'PIE_261 (Sq)'
'BU_F0011 (DI)'	'BU_F0036(NE)'	'BU_M0009 (SA)'	'BU_M0036 (FE)'	'PIE_036 (Su)'	'PIE_105 (Su)'	'PIE_177 (Su)'	'PIE_261 (Su)'
'BU_F0011 (FE)'	'BU_F0037 (AN)'	'BU_M0009 (SU)'	'BU_M0036 (HA)'	'PIE_038 (NE)'	'PIE_106 (NE)'	'PIE_178 (NE)'	'PIE_262 (NE)'

'BU_F0011 (HA)'	'BU_F0037 (DI)'	'BU_M0009_ma'	'BU_M0036 (SA)'	'PIE_038 (Sc)'	'PIE_106 (Sc)'	'PIE_178 (Sc)'	'PIE_262 (Sc)'
'BU_F0011 (SA)'	'BU_F0037 (FE)'	'BU_M0010 (AN)'	'BU_M0036 (SU)'	'PIE_038 (Sm)'	'PIE_106 (Sm)'	'PIE_178 (Sm)'	'PIE_262 (Sm)'
'BU_F0011 (SU)'	'BU_F0037 (HA)'	'BU_M0010 (DI)'	'BU_M0036_ma'	'PIE_038 (Sq)'	'PIE_106 (Sq)'	'PIE_178 (Sq)'	'PIE_262 (Sq)'
'BU_F0011(NE)'	'BU_F0037 (SA)'	'BU_M0010 (FE)'	'BU_M0037 (AN)'	'PIE_038 (Su)'	'PIE_106 (Su)'	'PIE_178 (Su)'	'PIE_262 (Su)'
'BU_F0012 (AN)'	'BU_F0037 (SU)'	'BU_M0010 (HA)'	'BU_M0037 (DI)'	'PIE_040 (NE)'	'PIE_107 (NE)'	'PIE_181 (NE)'	'PIE_263 (NE)'
'BU_F0012 (DI)'	'BU_F0037(NE)'	'BU_M0010 (SA)'	'BU_M0037 (FE)'	'PIE_040 (Sc)'	'PIE_107 (Sc)'	'PIE_181 (Sc)'	'PIE_263 (Sc)'
'BU_F0012 (FE)'	'BU_F0038 (AN)'	'BU_M0010 (SU)'	'BU_M0037 (HA)'	'PIE_040 (Sm)'	'PIE_107 (Sm)'	'PIE_181 (Sm)'	'PIE_263 (Sm)'
'BU_F0012 (HA)'	'BU_F0038 (DI)'	'BU_M0010_ma'	'BU_M0037 (SA)'	'PIE_040 (Sq)'	'PIE_107 (Sq)'	'PIE_181 (Sq)'	'PIE_263 (Sq)'
'BU_F0012 (SA)'	'BU_F0038 (FE)'	'BU_M0011 (AN)'	'BU_M0037 (SU)'	'PIE_040 (Su)'	'PIE_107 (Su)'	'PIE_181 (Su)'	'PIE_263 (Su)'
'BU_F0012 (SU)'	'BU_F0038 (HA)'	'BU_M0011 (DI)'	'BU_M0037_ma'	'PIE_041 (NE)'	'PIE_108 (NE)'	'PIE_184 (NE)'	'PIE_264 (NE)'
'BU_F0012(NE)'	'BU_F0038 (SA)'	'BU_M0011 (FE)'	'BU_M0038 (AN)'	'PIE_041 (Sc)'	'PIE_108 (Sc)'	'PIE_184 (Sc)'	'PIE_264 (Sc)'
'BU_F0013 (AN)'	'BU_F0038 (SU)'	'BU_M0011 (HA)'	'BU_M0038 (DI)'	'PIE_041 (Sm)'	'PIE_108 (Sm)'	'PIE_184 (Sm)'	'PIE_264 (Sm)'
'BU_F0013 (DI)'	'BU_F0038(NE)'	'BU_M0011 (SA)'	'BU_M0038 (FE)'	'PIE_041 (Sq)'	'PIE_108 (Sq)'	'PIE_184 (Sq)'	'PIE_264 (Sq)'
'BU_F0013 (FE)'	'BU_F0039 (AN)'	'BU_M0011 (SU)'	'BU_M0038 (HA)'	'PIE_041 (Su)'	'PIE_108 (Su)'	'PIE_184 (Su)'	'PIE_264 (Su)'
'BU_F0013 (HA)'	'BU_F0039 (DI)'	'BU_M0011_ma'	'BU_M0038 (SA)'	'PIE_042 (NE)'	'PIE_110 (NE)'	'PIE_185 (NE)'	'PIE_266 (NE)'
'BU_F0013 (SA)'	'BU_F0039 (FE)'	'BU_M0012 (AN)'	'BU_M0038 (SU)'	'PIE_042 (Sc)'	'PIE_110 (Sc)'	'PIE_185 (Sc)'	'PIE_266 (Sc)'
'BU_F0013 (SU)'	'BU_F0039 (HA)'	'BU_M0012 (DI)'	'BU_M0038_ma'	'PIE_042 (Sm)'	'PIE_110 (Sm)'	'PIE_185 (Sm)'	'PIE_266 (Sm)'
'BU_F0013(NE)'	'BU_F0039 (SA)'	'BU_M0012 (FE)'	'BU_M0039 (AN)'	'PIE_042 (Sq)'	'PIE_110 (Sq)'	'PIE_185 (Sq)'	'PIE_266 (Sq)'
'BU_F0014 (AN)'	'BU_F0039 (SU)'	'BU_M0012 (HA)'	'BU_M0039 (DI)'	'PIE_042 (Su)'	'PIE_110 (Su)'	'PIE_185 (Su)'	'PIE_266 (Su)'
'BU_F0014 (DI)'	'BU_F0039(NE)'	'BU_M0012 (SA)'	'BU_M0039 (FE)'	'PIE_043 (NE)'	'PIE_111 (NE)'	'PIE_186 (NE)'	'PIE_267 (NE)'
'BU_F0014 (FE)'	'BU_F0040 (AN)'	'BU_M0012 (SU)'	'BU_M0039 (HA)'	'PIE_043 (Sc)'	'PIE_111 (Sc)'	'PIE_186 (Sc)'	'PIE_267 (Sc)'
'BU_F0014 (HA)'	'BU_F0040 (DI)'	'BU_M0012_ma'	'BU_M0039 (SA)'	'PIE_043 (Sm)'	'PIE_111 (Sm)'	'PIE_186 (Sm)'	'PIE_267 (Sm)'
'BU_F0014 (SA)'	'BU_F0040 (FE)'	'BU_M0013 (AN)'	'BU_M0039 (SU)'	'PIE_043 (Sq)'	'PIE_111 (Sq)'	'PIE_186 (Sq)'	'PIE_267 (Sq)'
'BU_F0014 (SU)'	'BU_F0040 (HA)'	'BU_M0013 (DI)'	'BU_M0039_ma'	'PIE_043 (Su)'	'PIE_111 (Su)'	'PIE_186 (Su)'	'PIE_267 (Su)'
'BU_F0014(NE)'	'BU_F0040 (SA)'	'BU_M0013 (FE)'	'BU_M0040 (AN)'	'PIE_044 (NE)'	'PIE_112 (NE)'	'PIE_188 (NE)'	'PIE_272 (NE)'
'BU_F0015 (AN)'	'BU_F0040 (SU)'	'BU_M0013 (HA)'	'BU_M0040 (DI)'	'PIE_044 (Sc)'	'PIE_112 (Sc)'	'PIE_188 (Sc)'	'PIE_272 (Sc)'
'BU_F0015 (DI)'	'BU_F0040(NE)'	'BU_M0013 (SA)'	'BU_M0040 (FE)'	'PIE_044 (Sm)'	'PIE_112 (Sm)'	'PIE_188 (Sm)'	'PIE_272 (Sm)'
'BU_F0015 (FE)'	'BU_F0041 (AN)'	'BU_M0013 (SU)'	'BU_M0040 (HA)'	'PIE_044 (Sq)'	'PIE_112 (Sq)'	'PIE_188 (Sq)'	'PIE_272 (Sq)'
'BU_F0015 (HA)'	'BU_F0041 (DI)'	'BU_M0013_ma'	'BU_M0040 (SA)'	'PIE_044 (Su)'	'PIE_112 (Su)'	'PIE_188 (Su)'	'PIE_272 (Su)'
'BU_F0015 (SA)'	'BU_F0041 (FE)'	'BU_M0014 (AN)'	'BU_M0040 (SU)'	'PIE_046 (NE)'	'PIE_115 (NE)'	'PIE_190 (NE)'	'PIE_273 (NE)'
'BU_F0015 (SU)'	'BU_F0041 (HA)'	'BU_M0014 (DI)'	'BU_M0040_ma'	'PIE_046 (Sc)'	'PIE_115 (Sc)'	'PIE_190 (Sc)'	'PIE_273 (Sc)'
'BU_F0015(NE)'	'BU_F0041 (SA)'	'BU_M0014 (FE)'	'BU_M0041 (AN)'	'PIE_046 (Sm)'	'PIE_115 (Sm)'	'PIE_190 (Sm)'	'PIE_273 (Sm)'
'BU_F0016 (AN)'	'BU_F0041 (SU)'	'BU_M0014 (HA)'	'BU_M0041 (DI)'	'PIE_046 (Sq)'	'PIE_115 (Sq)'	'PIE_190 (Sq)'	'PIE_273 (Sq)'
'BU_F0016 (DI)'	'BU_F0041(NE)'	'BU_M0014 (SA)'	'BU_M0041 (FE)'	'PIE_046 (Su)'	'PIE_115 (Su)'	'PIE_190 (Su)'	'PIE_273 (Su)'

'BU_F0016 (FE)'	'BU_F0042 (AN)'	'BU_M0014 (SU)'	'BU_M0041 (HA)'	'PIE_047 (NE)'	'PIE_116 (NE)'	'PIE_191 (NE)'	'PIE_274 (NE)'
'BU_F0016 (HA)'	'BU_F0042 (DI)'	'BU_M0014_ma'	'BU_M0041 (SA)'	'PIE_047 (Sc)'	'PIE_116 (Sc)'	'PIE_191 (Sc)'	'PIE_274 (Sc)'
'BU_F0016 (SA)'	'BU_F0042 (FE)'	'BU_M0015 (AN)'	'BU_M0041 (SU)'	'PIE_047 (Sm)'	'PIE_116 (Sm)'	'PIE_191 (Sm)'	'PIE_274 (Sm)'
'BU_F0016 (SU)'	'BU_F0042 (HA)'	'BU_M0015 (DI)'	'BU_M0041_ma'	'PIE_047 (Sq)'	'PIE_116 (Sq)'	'PIE_191 (Sq)'	'PIE_274 (Sq)'
'BU_F0016(NE)'	'BU_F0042 (SA)'	'BU_M0015 (FE)'	'BU_M0042 (AN)'	'PIE_047 (Su)'	'PIE_116 (Su)'	'PIE_191 (Su)'	'PIE_274 (Su)'
'BU_F0017 (AN)'	'BU_F0042 (SU)'	'BU_M0015 (HA)'	'BU_M0042 (DI)'	'PIE_048 (NE)'	'PIE_117 (NE)'	'PIE_192 (NE)'	'PIE_276 (NE)'
'BU_F0017 (DI)'	'BU_F0042(NE)'	'BU_M0015 (SA)'	'BU_M0042 (FE)'	'PIE_048 (Sc)'	'PIE_117 (Sc)'	'PIE_192 (Sc)'	'PIE_276 (Sc)'
'BU_F0017 (FE)'	'BU_F0043 (AN)'	'BU_M0015 (SU)'	'BU_M0042 (HA)'	'PIE_048 (Sm)'	'PIE_117 (Sm)'	'PIE_192 (Sm)'	'PIE_276 (Sm)'
'BU_F0017 (HA)'	'BU_F0043 (DI)'	'BU_M0015_ma'	'BU_M0042 (SA)'	'PIE_048 (Sq)'	'PIE_117 (Sq)'	'PIE_192 (Sq)'	'PIE_276 (Sq)'
'BU_F0017 (SA)'	'BU_F0043 (FE)'	'BU_M0016 (AN)'	'BU_M0042 (SU)'	'PIE_048 (Su)'	'PIE_117 (Su)'	'PIE_192 (Su)'	'PIE_276 (Su)'
'BU_F0017 (SU)'	'BU_F0043 (HA)'	'BU_M0016 (DI)'	'BU_M0042_ma'	'PIE_049 (NE)'	'PIE_118 (NE)'	'PIE_193 (NE)'	'PIE_277 (NE)'
'BU_F0017(NE)'	'BU_F0043 (SA)'	'BU_M0016 (FE)'	'BU_M0043 (AN)'	'PIE_049 (Sc)'	'PIE_118 (Sc)'	'PIE_193 (Sc)'	'PIE_277 (Sc)'
'BU_F0018 (AN)'	'BU_F0043 (SU)'	'BU_M0016 (HA)'	'BU_M0043 (DI)'	'PIE_049 (Sm)'	'PIE_118 (Sm)'	'PIE_193 (Sm)'	'PIE_277 (Sm)'
'BU_F0018 (DI)'	'BU_F0043(NE)'	'BU_M0016 (SA)'	'BU_M0043 (FE)'	'PIE_049 (Sq)'	'PIE_118 (Sq)'	'PIE_193 (Sq)'	'PIE_277 (Sq)'
'BU_F0018 (FE)'	'BU_F0044 (AN)'	'BU_M0016 (SU)'	'BU_M0043 (HA)'	'PIE_049 (Su)'	'PIE_118 (Su)'	'PIE_193 (Su)'	'PIE_277 (Su)'
'BU_F0018 (HA)'	'BU_F0044 (DI)'	'BU_M0016_ma'	'BU_M0043 (SA)'	'PIE_050 (NE)'	'PIE_122 (NE)'	'PIE_194 (NE)'	'PIE_278 (NE)'
'BU_F0018 (SA)'	'BU_F0044 (FE)'	'BU_M0017 (AN)'	'BU_M0043 (SU)'	'PIE_050 (Sc)'	'PIE_122 (Sc)'	'PIE_194 (Sc)'	'PIE_278 (Sc)'
'BU_F0018 (SU)'	'BU_F0044 (HA)'	'BU_M0017 (DI)'	'BU_M0043_ma'	'PIE_050 (Sm)'	'PIE_122 (Sm)'	'PIE_194 (Sm)'	'PIE_278 (Sm)'
'BU_F0018(NE)'	'BU_F0044 (SA)'	'BU_M0017 (FE)'	'BU_M0044 (AN)'	'PIE_050 (Sq)'	'PIE_122 (Sq)'	'PIE_194 (Sq)'	'PIE_278 (Sq)'
'BU_F0019 (AN)'	'BU_F0044 (SU)'	'BU_M0017 (HA)'	'BU_M0044 (DI)'	'PIE_050 (Su)'	'PIE_122 (Su)'	'PIE_194 (Su)'	'PIE_278 (Su)'
'BU_F0019 (DI)'	'BU_F0044(NE)'	'BU_M0017 (SA)'	'BU_M0044 (FE)'	'PIE_052 (NE)'	'PIE_123 (NE)'	'PIE_196 (NE)'	'PIE_286 (NE)'
'BU_F0019 (FE)'	'BU_F0045 (AN)'	'BU_M0017 (SU)'	'BU_M0044 (HA)'	'PIE_052 (Sc)'	'PIE_123 (Sc)'	'PIE_196 (Sc)'	'PIE_286 (Sc)'
'BU_F0019 (HA)'	'BU_F0045 (DI)'	'BU_M0017_ma'	'BU_M0044 (SA)'	'PIE_052 (Sm)'	'PIE_123 (Sm)'	'PIE_196 (Sm)'	'PIE_286 (Sm)'
'BU_F0019 (SA)'	'BU_F0045 (FE)'	'BU_M0018 (AN)'	'BU_M0044 (SU)'	'PIE_052 (Sq)'	'PIE_123 (Sq)'	'PIE_196 (Sq)'	'PIE_286 (Sq)'
'BU_F0019 (SU)'	'BU_F0045 (HA)'	'BU_M0018 (DI)'	'BU_M0044_ma'	'PIE_052 (Su)'	'PIE_123 (Su)'	'PIE_196 (Su)'	'PIE_286 (Su)'
'BU_F0019(NE)'	'BU_F0045 (SA)'	'BU_M0018 (FE)'	'PIE_002 (NE)'	'PIE_053 (NE)'	'PIE_124 (NE)'	'PIE_198 (NE)'	'PIE_289 (NE)'
'BU_F0020 (AN)'	'BU_F0045 (SU)'	'BU_M0018 (HA)'	'PIE_002 (Sc)'	'PIE_053 (Sc)'	'PIE_124 (Sc)'	'PIE_198 (Sc)'	'PIE_289 (Sc)'
'BU_F0020 (DI)'	'BU_F0045(NE)'	'BU_M0018 (SA)'	'PIE_002 (Sm)'	'PIE_053 (Sm)'	'PIE_124 (Sm)'	'PIE_198 (Sm)'	'PIE_289 (Sm)'
'BU_F0020 (FE)'	'BU_F0046 (AN)'	'BU_M0018 (SU)'	'PIE_002 (Sq)'	'PIE_053 (Sq)'	'PIE_124 (Sq)'	'PIE_198 (Sq)'	'PIE_289 (Sq)'
'BU_F0020 (HA)'	'BU_F0046 (DI)'	'BU_M0018_ma'	'PIE_002 (Su)'	'PIE_053 (Su)'	'PIE_124 (Su)'	'PIE_198 (Su)'	'PIE_289 (Su)'
'BU_F0020 (SA)'	'BU_F0046 (FE)'	'BU_M0019 (AN)'	'PIE_003 (NE)'	'PIE_054 (NE)'	'PIE_125 (NE)'	'PIE_199 (NE)'	'RaFD_Face10_fe'
'BU_F0020 (SU)'	'BU_F0046 (HA)'	'BU_M0019 (DI)'	'PIE_003 (Sc)'	'PIE_054 (Sc)'	'PIE_125 (Sc)'	'PIE_199 (Sc)'	'RaFD_Face11_fe'
'BU_F0020(NE)'	'BU_F0046 (SA)'	'BU_M0019 (FE)'	'PIE_003 (Sm)'	'PIE_054 (Sm)'	'PIE_125 (Sm)'	'PIE_199 (Sm)'	'RaFD_Face12_ma'
'BU_F0021 (AN)'	'BU_F0046 (SU)'	'BU_M0019 (HA)'	'PIE_003 (Sq)'	'PIE_054 (Sq)'	'PIE_125 (Sq)'	'PIE_199 (Sq)'	'RaFD_Face13_fe'

'BU_F0021 (DI)'	'BU_F0046(NE)'	'BU_M0019 (SA)'	'PIE_003 (Su)'	'PIE_054 (Su)'	'PIE_125 (Su)'	'PIE_199 (Su)'	'RaFD_Face14_fe'
'BU_F0021 (FE)'	'BU_F0047 (AN)'	'BU_M0019 (SU)'	'PIE_004 (NE)'	'PIE_055 (NE)'	'PIE_126 (NE)'	'PIE_202 (NE)'	'RaFD_Face15_fe'
'BU_F0021 (HA)'	'BU_F0047 (DI)'	'BU_M0019_ma'	'PIE_004 (Sc)'	'PIE_055 (Sc)'	'PIE_126 (Sc)'	'PIE_202 (Sc)'	'RaFD_Face16_ma'
'BU_F0021 (SA)'	'BU_F0047 (FE)'	'BU_M0020 (AN)'	'PIE_004 (Sm)'	'PIE_055 (Sm)'	'PIE_126 (Sm)'	'PIE_202 (Sm)'	'RaFD_Face17_ma'
'BU_F0021 (SU)'	'BU_F0047 (HA)'	'BU_M0020 (DI)'	'PIE_004 (Sq)'	'PIE_055 (Sq)'	'PIE_126 (Sq)'	'PIE_202 (Sq)'	'RaFD_Face18_fe'
'BU_F0021(NE)'	'BU_F0047 (SA)'	'BU_M0020 (FE)'	'PIE_004 (Su)'	'PIE_055 (Su)'	'PIE_126 (Su)'	'PIE_202 (Su)'	'RaFD_Face19_ma'
'BU_F0022 (AN)'	'BU_F0047 (SU)'	'BU_M0020 (HA)'	'PIE_005 (NE)'	'PIE_056 (NE)'	'PIE_127 (NE)'	'PIE_203 (NE)'	'RaFD_Face21_ma'
'BU_F0022 (DI)'	'BU_F0047(NE)'	'BU_M0020 (SA)'	'PIE_005 (Sc)'	'PIE_056 (Sc)'	'PIE_127 (Sc)'	'PIE_203 (Sc)'	'RaFD_Face22_fe'
'BU_F0022 (FE)'	'BU_F0048 (AN)'	'BU_M0020 (SU)'	'PIE_005 (Sm)'	'PIE_056 (Sm)'	'PIE_127 (Sm)'	'PIE_203 (Sm)'	'RaFD_Face23_fe'
'BU_F0022 (HA)'	'BU_F0048 (DI)'	'BU_M0020_ma'	'PIE_005 (Sq)'	'PIE_056 (Sq)'	'PIE_127 (Sq)'	'PIE_203 (Sq)'	'RaFD_Face24_ma'
'BU_F0022 (SA)'	'BU_F0048 (FE)'	'BU_M0021 (AN)'	'PIE_005 (Su)'	'PIE_056 (Su)'	'PIE_127 (Su)'	'PIE_203 (Su)'	'RaFD_Face25_ma'
'BU_F0022 (SU)'	'BU_F0048 (HA)'	'BU_M0021 (DI)'	'PIE_006 (NE)'	'PIE_057 (NE)'	'PIE_128 (NE)'	'PIE_205 (NE)'	'RaFD_Face26_ma'
'BU_F0022(NE)'	'BU_F0048 (SA)'	'BU_M0021 (FE)'	'PIE_006 (Sc)'	'PIE_057 (Sc)'	'PIE_128 (Sc)'	'PIE_205 (Sc)'	'RaFD_Face28_fe'
'BU_F0023 (AN)'	'BU_F0048 (SU)'	'BU_M0021 (HA)'	'PIE_006 (Sm)'	'PIE_057 (Sm)'	'PIE_128 (Sm)'	'PIE_205 (Sm)'	'RaFD_Face29_ma'
'BU_F0023 (DI)'	'BU_F0048(NE)'	'BU_M0021 (SA)'	'PIE_006 (Sq)'	'PIE_057 (Sq)'	'PIE_128 (Sq)'	'PIE_205 (Sq)'	'RaFD_Face2_fe'
'BU_F0023 (FE)'	'BU_F0049 (AN)'	'BU_M0021 (SU)'	'PIE_006 (Su)'	'PIE_057 (Su)'	'PIE_128 (Su)'	'PIE_205 (Su)'	'RaFD_Face30_ma'
'BU_F0023 (HA)'	'BU_F0049 (DI)'	'BU_M0021_ma'	'PIE_008 (NE)'	'PIE_062 (NE)'	'PIE_129 (NE)'	'PIE_208 (NE)'	'RaFD_Face32_fe'
'BU_F0023 (SA)'	'BU_F0049 (FE)'	'BU_M0022 (AN)'	'PIE_008 (Sc)'	'PIE_062 (Sc)'	'PIE_129 (Sc)'	'PIE_208 (Sc)'	'RaFD_Face33_ma'
'BU_F0023 (SU)'	'BU_F0049 (HA)'	'BU_M0022 (DI)'	'PIE_008 (Sm)'	'PIE_062 (Sm)'	'PIE_129 (Sm)'	'PIE_208 (Sm)'	'RaFD_Face34_ma'
'BU_F0023(NE)'	'BU_F0049 (SA)'	'BU_M0022 (FE)'	'PIE_008 (Sq)'	'PIE_062 (Sq)'	'PIE_129 (Sq)'	'PIE_208 (Sq)'	'RaFD_Face35_ma'
'BU_F0024 (AN)'	'BU_F0049 (SU)'	'BU_M0022 (HA)'	'PIE_008 (Su)'	'PIE_062 (Su)'	'PIE_129 (Su)'	'PIE_208 (Su)'	'RaFD_Face36_ma'
'BU_F0024 (DI)'	'BU_F0049(NE)'	'BU_M0022 (SA)'	'PIE_009 (NE)'	'PIE_064 (NE)'	'PIE_131 (NE)'	'PIE_209 (NE)'	'RaFD_Face37_ma'
'BU_F0024 (FE)'	'BU_F0050 (AN)'	'BU_M0022 (SU)'	'PIE_009 (Sc)'	'PIE_064 (Sc)'	'PIE_131 (Sc)'	'PIE_209 (Sc)'	'RaFD_Face38_ma'
'BU_F0024 (HA)'	'BU_F0050 (DI)'	'BU_M0022_ma'	'PIE_009 (Sm)'	'PIE_064 (Sm)'	'PIE_131 (Sm)'	'PIE_209 (Sm)'	'RaFD_Face39_ma'
'BU_F0024 (SA)'	'BU_F0050 (FE)'	'BU_M0023 (AN)'	'PIE_009 (Sq)'	'PIE_064 (Sq)'	'PIE_131 (Sq)'	'PIE_209 (Sq)'	'RaFD_Face3_ma'
'BU_F0024 (SU)'	'BU_F0050 (HA)'	'BU_M0023 (DI)'	'PIE_009 (Su)'	'PIE_064 (Su)'	'PIE_131 (Su)'	'PIE_209 (Su)'	'RaFD_Face40_ma'
'BU_F0024(NE)'	'BU_F0050 (SA)'	'BU_M0023 (FE)'	'PIE_010 (NE)'	'PIE_067 (NE)'	'PIE_132 (NE)'	'PIE_220 (NE)'	'RaFD_Face41_ma'
'BU_F0025 (AN)'	'BU_F0050 (SU)'	'BU_M0023 (HA)'	'PIE_010 (Sc)'	'PIE_067 (Sc)'	'PIE_132 (Sc)'	'PIE_220 (Sc)'	'RaFD_Face42_ma'
'BU_F0025 (DI)'	'BU_F0050(NE)'	'BU_M0023 (SA)'	'PIE_010 (Sm)'	'PIE_067 (Sm)'	'PIE_132 (Sm)'	'PIE_220 (Sm)'	'RaFD_Face43_ma'
'BU_F0025 (FE)'	'BU_F0052 (AN)'	'BU_M0023 (SU)'	'PIE_010 (Sq)'	'PIE_067 (Sq)'	'PIE_132 (Sq)'	'PIE_220 (Sq)'	'RaFD_Face44_ma'
'BU_F0025 (HA)'	'BU_F0052 (DI)'	'BU_M0023_ma'	'PIE_010 (Su)'	'PIE_067 (Su)'	'PIE_132 (Su)'	'PIE_220 (Su)'	'RaFD_Face45_fe'
'BU_F0025 (SA)'	'BU_F0052 (FE)'	'BU_M0024 (AN)'	'PIE_011 (NE)'	'PIE_068 (NE)'	'PIE_133 (NE)'	'PIE_223 (NE)'	'RaFD_Face46_fe'
'BU_F0025 (SU)'	'BU_F0052 (HA)'	'BU_M0024 (DI)'	'PIE_011 (Sc)'	'PIE_068 (Sc)'	'PIE_133 (Sc)'	'PIE_223 (Sc)'	'RaFD_Face47_fe'
'BU_F0025(NE)'	'BU_F0052 (SA)'	'BU_M0024 (FE)'	'PIE_011 (Sm)'	'PIE_068 (Sm)'	'PIE_133 (Sm)'	'PIE_223 (Sm)'	'RaFD_Face48_ma'

'BU_F0026 (AN)'	'BU_F0052 (SU)'	'BU_M0024 (HA)'	'PIE_011 (Sq)'	'PIE_068 (Sq)'	'PIE_133 (Sq)'	'PIE_223 (Sq)'	'RaFD_Face49_ma'
'BU_F0026 (DI)'	'BU_F0052(NE)'	'BU_M0024 (SA)'	'PIE_011 (Su)'	'PIE_068 (Su)'	'PIE_133 (Su)'	'PIE_223 (Su)'	'RaFD_Face4_fe'
'BU_F0026 (FE)'	'BU_F0054 (AN)'	'BU_M0024 (SU)'	'PIE_014 (NE)'	'PIE_069 (NE)'	'PIE_137 (NE)'	'PIE_225 (NE)'	'RaFD_Face50_fe'
'BU_F0026 (HA)'	'BU_F0054 (DI)'	'BU_M0024_ma'	'PIE_014 (Sc)'	'PIE_069 (Sc)'	'PIE_137 (Sc)'	'PIE_225 (Sc)'	'RaFD_Face51_ma'
'BU_F0026 (SA)'	'BU_F0054 (FE)'	'BU_M0025 (AN)'	'PIE_014 (Sm)'	'PIE_069 (Sm)'	'PIE_137 (Sm)'	'PIE_225 (Sm)'	'RaFD_Face52_ma'
'BU_F0026 (SU)'	'BU_F0054 (HA)'	'BU_M0025 (DI)'	'PIE_014 (Sq)'	'PIE_069 (Sq)'	'PIE_137 (Sq)'	'PIE_225 (Sq)'	'RaFD_Face53_ma'
'BU_F0026(NE)'	'BU_F0054 (SA)'	'BU_M0025 (FE)'	'PIE_014 (Su)'	'PIE_069 (Su)'	'PIE_137 (Su)'	'PIE_225 (Su)'	'RaFD_Face54_ma'
'BU_F0027 (AN)'	'BU_F0054 (SU)'	'BU_M0025 (HA)'	'PIE_015 (NE)'	'PIE_070 (NE)'	'PIE_138 (NE)'	'PIE_227 (NE)'	'RaFD_Face55_ma'
'BU_F0027 (DI)'	'BU_F0054(NE)'	'BU_M0025 (SA)'	'PIE_015 (Sc)'	'PIE_070 (Sc)'	'PIE_138 (Sc)'	'PIE_227 (Sc)'	'RaFD_Face56_ma'
'BU_F0027 (FE)'	'BU_F0055 (AN)'	'BU_M0025 (SU)'	'PIE_015 (Sm)'	'PIE_070 (Sm)'	'PIE_138 (Sm)'	'PIE_227 (Sm)'	'RaFD_Face5_ma'
'BU_F0027 (HA)'	'BU_F0055 (DI)'	'BU_M0025_ma'	'PIE_015 (Sq)'	'PIE_070 (Sq)'	'PIE_138 (Sq)'	'PIE_227 (Sq)'	'RaFD_Face6_ma'
'BU_F0027 (SA)'	'BU_F0055 (FE)'	'BU_M0026 (AN)'	'PIE_015 (Su)'	'PIE_070 (Su)'	'PIE_138 (Su)'	'PIE_227 (Su)'	'RaFD_Face7_fe'
						'RaFD_Face9_ma'	'RaFD_Face8_ma'