

Re: Augmenting data for CJK Radicals and Strokes  
 From: Mark Davis  
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 Drafts: <https://goo.gl/OHFYwy>, <https://goo.gl/VQZvvr>

When you start to use the data for Radicals and Strokes in IDS, you run up against some problem cases. I propose that we augment the data for these data to make them more useful, and use the data to update NamesList.txt and the UCA data.

## Problems

- The CJKRadicals.txt file doesn't cover all of the Radicals.
- Some of that information is in the NamesList and UCA, but not in an easily machine-readable form.
- The UCA and NamesList mappings are incomplete for the CJK Radicals, based on CJKRadicals.txt
- Moreover, CJKRadicals.txt does not provide stroke data.
- The CJKRadicals.txt file is also in a somewhat awkward format. Unlike other UCD files, the source character is not the first field.

## Analysis

The attached data file is an attempt to flesh out the missing data, using some processing from multiple sources. It is not final form: it needs some fleshing out before any of the data is used.

Here is an example from the file.

```
2F03; 1; 4; 4E3F # ( J => J ) KANGXI RADICAL SLASH; CJKRadicals.txt, NFKC
#? 1; 4; 4E40 # (? => \) ?; kRSUnicode
#? 1; 4; 4E41 # (? => ㄨ) ?; kRSUnicode
```

For the data lines, the following fields are used:

- Field 0: the source code point (radical)
- Field 2: the number of strokes in FO. This is obtained by looking up total strokes of the target Unified Ideograph (F3)
- Field 1: the radical number (with '). This is obtained from CJKRadicals.txt where possible, and otherwise from [http://www.wikiwand.com/de/Unicodeblock\\_CJK-Radikale\\_Erg%C3%A4nzung](http://www.wikiwand.com/de/Unicodeblock_CJK-Radikale_Erg%C3%A4nzung)
- Field 3: the target Unified Ideograph. This is obtained from various "causes", listed in the comments after ';'. These are:
- CJKRadicals.txt
  - NFKC
  - UCA
  - NamesList
  - kRSUnicode
  - kRSAdobe
- Comment: (source => target) <name> ; <causes>

The kRSUnicode and kRSAdobe data are used to get a target Unified Ideograph by searching for those with a radical, and zero remaining strokes. In such cases, the Unified Ideograph represents the radical alone. The source character (F1) has not been selected from the available radicals (pending agreement by experts); instead the line is commented with ? for the source code point and its name.

In some cases, the line probably just needs to be removed, such as in the following, where the target based on the

kRSAdobe is identical to that for 199'.

2FC6; 11;	199;	9EA5	# (麥 => 麥)	KANGXI RADICAL WHEAT;	CJKRadicals.txt, NFKC
#? 7;	199;	9EA6	# (? => 麦)	?;	kRSAdobe
2EE8; 7;	199';	9EA6	# (麦 => 麦)	CJK RADICAL SIMPLIFIED WHEAT;	CJKRadicals.txt, UCA,
NamesList					

There is one outlier among the radicals, one that doesn't have a target Unified Ideograph

2E80; 0;	7;		# (口 => )	CJK RADICAL REPEAT;
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There are also some cases where the "main" mapping data appears like it is suboptimal, at least based on my fonts. For example, it appears that the best target Unified Ideograph for CJK RADICAL FOOT would be 𠂔 (27FB7), not 足 (8DB3).

2F9C; 7;	157;	8DB3	# (足 => 足)	KANGXI RADICAL FOOT;	CJKRadicals.txt, NFKC
2ECA; 7;	157;	8DB3	# (𠂔 => 足)	CJK RADICAL FOOT;	NamesList
#? 7;	157;	27FB7	# (? => 𠂔)	?;	kRSUnicode

The NamesList mapping appears to be in error; the better mapping would be to 27FB7 (that may not have existed at the time the NameList information was composed). However, this needs expert review.

Once we have a complete list for all of the Radicals, I would like to see us make it available in machine-readable form, and update the data in the NamesList and UCA.

It would also be useful to supply the same sort of information, where possible for the CJK Stroke characters. From n3063, we have the following information. We should be able to use this data and the IDS data to provide a stroke count and in some cases a target Unified Ideograph character, in the same format.

# Stroke		Examples
□	;	一 三 丁 丞 文 世 不 上 十 卅 七
□	;	冰 淋 治 治 洌 暴 汜 录 地 虫
□	;	丩 中 串 讠 乍 上 五 丑
□	;	爭 事 求 水
□	;	乂 爻 禾 毛 乏 乖 采 衣 八 行
□	;	乃 月 用 齊 几 人 班 大
□	;	丸 义 永 冰 凡 丹 主 求 火 刃
□	;	大 人 天 入 走 边 廷 尺
□	;	亾 八 入 廻
□	;	口 口 田 品 吕 申 甲 圆 𠂔
□	;	又 双 彘 今
□	;	疋 了 予 矛 子 字 疏 写 冫
□	;	断 继 山 互 彙 牙 乐 东
□	;	肅 嘯 蕭 簫
□	;	區 亡 妄 四
□	;	食 良 良 很 狠 鄉 民
□	;	弘 公 翁
□	;	巡 獵 災 畱 女 𠂔
□	;	メ
□	;	狐 嶽 貓 家 逐
□	;	戈 弋 戰 我
□	;	心 必 沁 蕊 蕊

口	;	卂
口	;	爻 投 朵
口	;	讠 计 鳩
口	;	羽 习 包 勻 葡 用 青 甫 勺 月 也 乚
口	;	飞 风 瘋 九 几 气 虱
口	;	亞 鼎 𠂇 吳 专 □□□
口	;	乱 己 巳 巳
口	;	凸
口	;	建 及
口	;	乙 丞 乞
口	;	阝 队 邨
口	;	号 亏 弓 强 丐 马 万
口	;	乃 孕 仍
口	;	○ □□□

**See the main document for an explanation of the fields:**

2F00;	1;	1;	4E00;	#	一 → 一	KANGXI RADICAL ONE;
2F01;	1;	2;	4E28;	#	→	KANGXI RADICAL LINE;
2F02;	1;	3;	4E36;	#	丶 → 丶	KANGXI RADICAL DOT;
2F03;	1;	4;	4E3F;	#	丿 → 丿	KANGXI RADICAL SLASH;
2F03;	1;	4;	4E40;	#	丿 → ㇇	KANGXI RADICAL SLASH;
2F03;	1;	4;	4E41;	#	丿 → ㇈	KANGXI RADICAL SLASH;
2F04;	1;	5;	4E59;	#	乙 → 乙	KANGXI RADICAL SECOND;
2E82;	1;	5;	4E5B;	#	冫 → 冫	CJK RADICAL SECOND ONE;
2E83;	1;	5;	4E5A;	#	凵 → 凵	CJK RADICAL SECOND TWO;
2E84;	1;	5;	4E59;	#	冫 → 乙	CJK RADICAL SECOND THREE;
2F04;	1;	5;	200C9;	#	乙 → 乙	KANGXI RADICAL SECOND;
2E83;	1;	5;	200CA;	#	凵 → 凵	CJK RADICAL SECOND TWO;
2F04;	1;	5;	200CB;	#	乙 → 乙	KANGXI RADICAL SECOND;
2E82;	1;	5;	200CC;	#	冫 → 冫	CJK RADICAL SECOND ONE;
2E82;	1;	5;	200CD;	#	冫 → 冫	CJK RADICAL SECOND ONE;
2F04;	2;	5;	200CE;	#	乙 → 乙	KANGXI RADICAL SECOND;
2F04;	1;	5;	200D1;	#	乙 → 乙	KANGXI RADICAL SECOND;
2F05;	1;	6;	4E85;	#	丿 → 丿	KANGXI RADICAL HOOK;
2F05;	1;	6;	2010C;	#	丿 → 丿	KANGXI RADICAL HOOK;
2F06;	2;	7;	4E8C;	#	二 → 二	KANGXI RADICAL TWO;
2E80;	0;	7;	;	#	彡 → 彡	CJK RADICAL REPEAT;
2F06;	2;	7;	2011E;	#	二 → 二	KANGXI RADICAL TWO;
2F06;	2;	7;	2011F;	#	二 → 二	KANGXI RADICAL TWO;
2F06;	2;	7;	20120;	#	二 → 二	KANGXI RADICAL TWO;
2F07;	2;	8;	4EA0;	#	宀 → 宀	KANGXI RADICAL LID;
2F08;	2;	9;	4EBA;	#	人 → 人	KANGXI RADICAL MAN;
2E85;	2;	9;	4EBB;	#	亻 → 亻	CJK RADICAL PERSON;
2F08;	2;	9;	201A2;	#	人 → 人	KANGXI RADICAL MAN;
2F09;	2;	10;	513F;	#	儿 → 儿	KANGXI RADICAL LEGS;
2F0A;	2;	11;	5165;	#	入 → 入	KANGXI RADICAL ENTER;
2F0B;	2;	12;	516B;	#	八 → 八	KANGXI RADICAL EIGHT;
2F0C;	2;	13;	5182;	#	冂 → 冂	KANGXI RADICAL DOWN BOX;
2E86;	2;	13;	5182;	#	冂 → 冂	CJK RADICAL BOX;
2F0D;	2;	14;	5196;	#	冃 → 冃	KANGXI RADICAL COVER;

2F0E; 2;	15;	51AB;	#	冫 → 冫	KANGXI RADICAL ICE;
2F0F; 2;	16;	51E0;	#	几 → 几	KANGXI RADICAL TABLE;
2E87; 2;	16;	51E0;	#	几 → 几	CJK RADICAL TABLE;
2F0F; 2;	16;	20627;	#	几 → 几	KANGXI RADICAL TABLE;
2E87; 2;	16;	20628;	#	几 → 几	CJK RADICAL TABLE;
2F10; 2;	17;	51F5;	#	凵 → 凵	KANGXI RADICAL OPEN BOX;
2F10; 2;	17;	20674;	#	凵 → 凵	KANGXI RADICAL OPEN BOX;
2F11; 2;	18;	5200;	#	刀 → 刀	KANGXI RADICAL KNIFE;
2E88; 2;	18;	5200;	#	丩 → 刀	CJK RADICAL KNIFE ONE;
2E89; 2;	18;	5202;	#	刂 → 刂	CJK RADICAL KNIFE TWO;
2F11; 2;	18;	5201;	#	刀 → 刁	KANGXI RADICAL KNIFE;
2F11; 2;	18;	206A3;	#	刀 → 刃	KANGXI RADICAL KNIFE;
2F12; 2;	19;	529B;	#	力 → 力	KANGXI RADICAL POWER;
2F13; 2;	20;	52F9;	#	勹 → 勹	KANGXI RADICAL WRAP;
2F14; 2;	21;	5315;	#	匕 → 匕	KANGXI RADICAL SPOON;
2F14; 2;	21;	2090E;	#	匕 → 匕	KANGXI RADICAL SPOON;
2F15; 2;	22;	531A;	#	匚 → 匚	KANGXI RADICAL RIGHT OPEN BOX;
2F15; 2;	22;	2092C;	#	匚 → 匚	KANGXI RADICAL RIGHT OPEN BOX;
2F16; 2;	23;	5338;	#	匚 → 匚	KANGXI RADICAL HIDING ENCLOSURE;
2F17; 2;	24;	5341;	#	十 → 十	KANGXI RADICAL TEN;
2F18; 2;	25;	535C;	#	卜 → 卜	KANGXI RADICAL DIVINATION;
2E8A; 2;	25;	535C;	#	卜 → 卜	CJK RADICAL DIVINATION;
2F19; 2;	26;	5369;	#	冂 → 冂	KANGXI RADICAL SEAL;
2E8B; 2;	26;	353E;	#	冂 → 冂	CJK RADICAL SEAL;
2F1A; 2;	27;	5382;	#	厶 → 厶	KANGXI RADICAL CLIFF;
2E81; 2;	27;	5382;	#	厶 → 厶	CJK RADICAL CLIFF;
2F1B; 2;	28;	53B6;	#	厶 → 厶	KANGXI RADICAL PRIVATE;
2F1C; 2;	29;	53C8;	#	又 → 又	KANGXI RADICAL AGAIN;
2F1C; 2;	29;	9FB4;	#	又 → 又	KANGXI RADICAL AGAIN;
2F1D; 3;	30;	53E3;	#	口 → 口	KANGXI RADICAL MOUTH;
2F1E; 3;	31;	56D7;	#	口 → 口	KANGXI RADICAL ENCLOSURE;
2F1F; 3;	32;	571F;	#	土 → 土	KANGXI RADICAL EARTH;
2F20; 3;	33;	58EB;	#	士 → 士	KANGXI RADICAL SCHOLAR;
2F21; 3;	34;	5902;	#	夂 → 夂	KANGXI RADICAL GO;
2F21; 3;	34;	21552;	#	夂 → 夂	KANGXI RADICAL GO;

2F22;	3;	35;	590A;	#	夂 → 夂	KANGXI RADICAL GO SLOWLY;
2F23;	3;	36;	5915;	#	夕 → 夕	KANGXI RADICAL EVENING;
2F24;	3;	37;	5927;	#	大 → 大	KANGXI RADICAL BIG;
2F24;	4;	37;	5928;	#	大 → 夊	KANGXI RADICAL BIG;
2F25;	3;	38;	5973;	#	女 → 女	KANGXI RADICAL WOMAN;
2F26;	3;	39;	5B50;	#	子 → 子	KANGXI RADICAL CHILD;
2F26;	3;	39;	5B51;	#	子 → 孑	KANGXI RADICAL CHILD;
2F26;	3;	39;	5B52;	#	子 → 孑	KANGXI RADICAL CHILD;
2F26;	3;	39;	5B53;	#	子 → 孛	KANGXI RADICAL CHILD;
2F26;	3;	39;	2193C;	#	子 → 孛	KANGXI RADICAL CHILD;
2F27;	3;	40;	5B80;	#	宀 → 宀	KANGXI RADICAL ROOF;
2F28;	3;	41;	5BF8;	#	寸 → 寸	KANGXI RADICAL INCH;
2F29;	3;	42;	5C0F;	#	小 → 小	KANGXI RADICAL SMALL;
2E8C;	3;	42;	5C0F;	#	丩 → 小	CJK RADICAL SMALL ONE;
2E8D;	3;	42;	5C0F;	#	丩 → 小	CJK RADICAL SMALL TWO;
2F29;	3;	42;	21B54;	#	小 → 小	KANGXI RADICAL SMALL;
2F2A;	3;	43;	5C22;	#	尢 → 尢	KANGXI RADICAL LAME;
2E8E;	3;	43;	5C22;	#	兀 → 尢	CJK RADICAL LAME ONE;
2E8F;	4;	43;	5C23;	#	允 → 允	CJK RADICAL LAME TWO;
2E90;	3;	43;	5C22;	#	尢 → 尢	CJK RADICAL LAME THREE;
2E91;	4;	43;	5C23;	#	允 → 允	CJK RADICAL LAME FOUR;
2F2A;	3;	43;	21BC1;	#	尢 → 尢	KANGXI RADICAL LAME;
2E91;	4;	43;	21BC2;	#	允 → 允	CJK RADICAL LAME FOUR;
2E8E;	3;	43;	5140;	#	兀 → 兀	CJK RADICAL LAME ONE;
2F2B;	3;	44;	5C38;	#	尸 → 尸	KANGXI RADICAL CORPSE;
2F2B;	3;	44;	21C23;	#	尸 → 尸	KANGXI RADICAL CORPSE;
2F2C;	3;	45;	5C6E;	#	屮 → 屮	KANGXI RADICAL SPROUT;
2F2C;	3;	45;	21CFE;	#	屮 → 屯	KANGXI RADICAL SPROUT;
2F2D;	3;	46;	5C71;	#	山 → 山	KANGXI RADICAL MOUNTAIN;
2F2E;	3;	47;	5DDB;	#	㵿 → 㵿	KANGXI RADICAL RIVER;
2F2E;	2;	47;	5DDC;	#	㵿 → 㵿	KANGXI RADICAL RIVER;
2F2E;	3;	47;	5DDD;	#	㵿 → 川	KANGXI RADICAL RIVER;
2F2E;	6;	47;	21FE6;	#	㵿 → 㵿	KANGXI RADICAL RIVER;
2F2E;	1;	47;	21FE8;	#	㵿 → 𠂇	KANGXI RADICAL RIVER;
2F2E;	3;	47;	2BDA7;	#	㵿 → 𠂇	KANGXI RADICAL RIVER;
2F2F;	3;	48;	5DE5;	#	工 → 工	KANGXI RADICAL WORK;
2F30;	3;	49;	5DF1;	#	己 → 己	KANGXI RADICAL ONESELF;
2E92;	3;	49;	5DF3;	#	巳 → 巳	CJK RADICAL SNAKE;
2F30;	3;	49;	5DF2;	#	己 → 巳	KANGXI RADICAL ONESELF;

2F31;	3;	50;	5DFE;	#	巾 → 巾	KANGXI RADICAL TURBAN;
2F32;	3;	51;	5E72;	#	干 → 干	KANGXI RADICAL DRY;
2F33;	3;	52;	5E7A;	#	幺 → 幺	KANGXI RADICAL SHORT THREAD;
2E93;	3;	52;	5E7A;	#	幺 → 幺	CJK RADICAL THREAD;
2F33;	3;	52;	4E61;	#	幺 → 彡	KANGXI RADICAL SHORT THREAD;
2F33;	3;	52;	4E48;	#	幺 → 么	KANGXI RADICAL SHORT THREAD;
2F34;	3;	53;	5E7F;	#	广 → 广	KANGXI RADICAL DOTTED CLIFF;
2F35;	2, 3;	54;	5EF4;	#	及 → 及	KANGXI RADICAL LONG STRIDE;
2F36;	3;	55;	5EFE;	#	升 → 升	KANGXI RADICAL TWO HANDS;
2F36;	3;	55;	2232C;	#	升 → 升	KANGXI RADICAL TWO HANDS;
2F37;	3;	56;	5F0B;	#	弋 → 弋	KANGXI RADICAL SHOOT;
2F37;	3;	56;	2237A;	#	弋 → 弋	KANGXI RADICAL SHOOT;
2F38;	3;	57;	5F13;	#	弓 → 弓	KANGXI RADICAL BOW;
2F38;	3;	57;	22397;	#	弓 → 弓	KANGXI RADICAL BOW;
2F38;	2;	57;	22398;	#	弓 → 弓	KANGXI RADICAL BOW;
2F39;	3;	58;	5F50;	#	厶 → 厶	KANGXI RADICAL SNOUT;
2E94;	3;	58;	5F51;	#	厶 → 厶	CJK RADICAL SNOUT ONE;
2E95;	3;	58;	5F50;	#	厶 → 厶	CJK RADICAL SNOUT TWO;
2F3A;	3;	59;	5F61;	#	彡 → 彡	KANGXI RADICAL BRISTLE;
2F3B;	3;	60;	5F73;	#	彳 → 彳	KANGXI RADICAL STEP;
2F3C;	4;	61;	5FC3;	#	心 → 心	KANGXI RADICAL HEART;
2E96;	3;	61;	5FC4;	#	忄 → 忄	CJK RADICAL HEART ONE;
2E97;	4;	61;	5FC3;	#	小 → 心	CJK RADICAL HEART TWO;
2F3C;	3;	61;	225A9;	#	心 → 心	KANGXI RADICAL HEART;
2E97;	4;	61;	38FA;	#	小 → 小	CJK RADICAL HEART TWO;
2F3D;	4;	62;	6208;	#	戈 → 戈	KANGXI RADICAL HALBERD;
2F3E;	4;	63;	6236;	#	户 → 户	KANGXI RADICAL DOOR;
2F3E;	4;	63;	6237;	#	户 → 户	KANGXI RADICAL DOOR;
2F3E;	4;	63;	6238;	#	户 → 户	KANGXI RADICAL DOOR;
2F3F;	4;	64;	624B;	#	手 → 手	KANGXI RADICAL HAND;
2E98;	3;	64;	624C;	#	扌 → 扌	CJK RADICAL HAND;
2F3F;	3;	64;	624D;	#	手 → 才	KANGXI RADICAL HAND;
2F3F;	4;	64;	9FB5;	#	手 → 手	KANGXI RADICAL HAND;
2F40;	4;	65;	652F;	#	支 → 支	KANGXI RADICAL BRANCH;
2F41;	4;	66;	6534;	#	支 → 支	KANGXI RADICAL RAP;
2E99;	4;	66;	6535;	#	攴 → 攴	CJK RADICAL RAP;

2F42;	4;	67;	6587;	#	文 → 文	KANGXI RADICAL SCRIPT;
2F43;	4;	68;	6597;	#	斗 → 斗	KANGXI RADICAL DIPPER;
2F43;	4;	68;	2306C;	#	斗 → 斗	KANGXI RADICAL DIPPER;
2F44;	4;	69;	65A4;	#	斤 → 斤	KANGXI RADICAL AXE;
2F44;	4;	69;	23091;	#	斤 → 斤	KANGXI RADICAL AXE;
2F45;	4;	70;	65B9;	#	方 → 方	KANGXI RADICAL SQUARE;
2F46;	4;	71;	65E0;	#	无 → 无	KANGXI RADICAL NOT;
2E9B;	4, 5;	71;	65E1;	#	无 → 无	CJK RADICAL CHOKE;
2F47;	4;	72;	65E5;	#	日 → 日	KANGXI RADICAL SUN;
2E9C;	4;	72;	65E5;	#	日 → 日	CJK RADICAL SUN;
2F48;	4;	73;	66F0;	#	日 → 日	KANGXI RADICAL SAY;
2F49;	4;	74;	6708;	#	月 → 月	KANGXI RADICAL MOON;
2E9D;	4;	74;	6708;	#	月 → 月	CJK RADICAL MOON;
2F4A;	4;	75;	6728;	#	木 → 木	KANGXI RADICAL TREE;
2F4A;	4;	75;	6729;	#	木 → 朮	KANGXI RADICAL TREE;
2F4A;	4;	75;	233B3;	#	木 → 朮	KANGXI RADICAL TREE;
2F4A;	4;	75;	233B4;	#	木 → 朮	KANGXI RADICAL TREE;
2F4A;	2;	75;	2C09B;	#	木 → 朮	KANGXI RADICAL TREE;
2F4B;	4;	76;	6B20;	#	欠 → 欠	KANGXI RADICAL LACK;
2F4C;	4;	77;	6B62;	#	止 → 止	KANGXI RADICAL STOP;
2F4C;	4;	77;	9FB0;	#	止 → 止	KANGXI RADICAL STOP;
2F4C;	3;	77;	23942;	#	止 → 止	KANGXI RADICAL STOP;
2F4D;	4;	78;	6B79;	#	歹 → 歹	KANGXI RADICAL DEATH;
2E9E;	5;	78;	6B7A;	#	歹 → 歹	CJK RADICAL DEATH;
2E9E;	5;	78;	239B5;	#	歹 → 歹	CJK RADICAL DEATH;
2F4D;	3;	78;	239B6;	#	歹 → 歹	KANGXI RADICAL DEATH;
2F4E;	4;	79;	6BB3;	#	殳 → 殳	KANGXI RADICAL WEAPON;
2F4F;	4;	80;	6BCB;	#	毋 → 毋	KANGXI RADICAL DO NOT;
2E9F;	5;	80;	6BCD;	#	毋 → 毋	CJK RADICAL MOTHER;
2F4F;	4;	80;	6BCC;	#	毋 → 毋	KANGXI RADICAL DO NOT;
2F4F;	5;	80;	23AEC;	#	毋 → 毋	KANGXI RADICAL DO NOT;
2F50;	4;	81;	6BD4;	#	比 → 比	KANGXI RADICAL COMPARE;
2F51;	4;	82;	6BDB;	#	毛 → 毛	KANGXI RADICAL FUR;
2F51;	4;	82;	23B1B;	#	毛 → 毛	KANGXI RADICAL FUR;
2F52;	4;	83;	6C0F;	#	氏 → 氏	KANGXI RADICAL CLAN;
2EA0;	5;	83;	6C11;	#	民 → 民	CJK RADICAL CIVILIAN;
2F53;	4;	84;	6C14;	#	气 → 气	KANGXI RADICAL STEAM;



2F54;	4;	85;	6C34;	#	水 → 水	KANGXI RADICAL WATER;
2EA1;	3;	85;	6C35;	#	氵 → 氵	CJK RADICAL WATER ONE;
2EA2;	5;	85;	6C3A;	#	水 → 水	CJK RADICAL WATER TWO;
2F54;	4;	85;	23C71;	#	水 → 水	KANGXI RADICAL WATER;
2F55;	4;	86;	706B;	#	火 → 火	KANGXI RADICAL FIRE;
2EA3;	4;	86;	706C;	#	灬 → 灬	CJK RADICAL FIRE;
2F56;	4;	87;	722A;	#	爪 → 爪	KANGXI RADICAL CLAW;
2EA4;	4;	87;	722B;	#	𠂇 → 𠂇	CJK RADICAL PAW ONE;
2EA5;	4;	87;	722B;	#	𠂇 → 𠂇	CJK RADICAL PAW TWO;
2F56;	4;	87;	244EF;	#	爪 → 爪	KANGXI RADICAL CLAW;
2F56;	4;	87;	244F0;	#	爪 → 爪	KANGXI RADICAL CLAW;
2F57;	4;	88;	7236;	#	父 → 父	KANGXI RADICAL FATHER;
2F58;	4;	89;	723B;	#	爻 → 爻	KANGXI RADICAL DOUBLE X;
2F59;	4;	90;	723F;	#	𠂇 → 𠂇	KANGXI RADICAL HALF TREE TRUNK;
2F59;	6;	90;	2456A;	#	𠂇 → 目	KANGXI RADICAL HALF TREE TRUNK;
2EA6;	3;	90;	4E2C;	#	丩 → 丩	CJK RADICAL SIMPLIFIED HALF TREE TRUNK;
2F5A;	4;	91;	7247;	#	片 → 片	KANGXI RADICAL SLICE;
2F5B;	4,5;	92;	7259;	#	牙 → 牙	KANGXI RADICAL FANG;
2F5B;	4;	92;	3E26;	#	牙 → 𠂇	KANGXI RADICAL FANG;
2F5C;	4;	93;	725B;	#	牛 → 牛	KANGXI RADICAL COW;
2EA7;	4;	93;	725B;	#	牛 → 牛	CJK RADICAL COW;
2F5C;	4;	93;	725C;	#	牛 → 牛	KANGXI RADICAL COW;
2F5D;	4;	94;	72AC;	#	犬 → 犬	KANGXI RADICAL DOG;
2EA8;	3;	94;	72AD;	#	犴 → 犴	CJK RADICAL DOG;
2F5E;	5;	95;	7384;	#	玄 → 玄	KANGXI RADICAL PROFOUND;
2F5E;	4;	95;	248E5;	#	玄 → 玄	KANGXI RADICAL PROFOUND;
2F5F;	5;	96;	7389;	#	玉 → 玉	KANGXI RADICAL JADE;
2EA9;	4;	96;	738B;	#	玨 → 王	CJK RADICAL JADE;
2EA9;	4;	96;	248E9;	#	玨 → 王	CJK RADICAL JADE;
2F5F;	5;	96;	738A;	#	玉 → 玉	KANGXI RADICAL JADE;
2F60;	5, 6;	97;	74DC;	#	瓜 → 瓜	KANGXI RADICAL MELON;
2F61;	4, 5;	98;	74E6;	#	瓦 → 瓦	KANGXI RADICAL TILE;
2F62;	5;	99;	7518;	#	甘 → 甘	KANGXI RADICAL SWEET;
2F62;	5;	99;	24BBA;	#	甘 → 目	KANGXI RADICAL SWEET;
2F63;	5;	100;	751F;	#	生 → 生	KANGXI RADICAL LIFE;
2F63;	5;	100;	24BD3;	#	生 → 生	KANGXI RADICAL LIFE;

2F64;	5;	101;	7528;	#	用 → 用	KANGXI RADICAL USE;
2F64;	5;	101;	7529;	#	用 → 𠄎	KANGXI RADICAL USE;
2F65;	5;	102;	7530;	#	田 → 田	KANGXI RADICAL FIELD;
2F65;	5;	102;	7531;	#	田 → 由	KANGXI RADICAL FIELD;
2F65;	5;	102;	7532;	#	田 → 甲	KANGXI RADICAL FIELD;
2F65;	5;	102;	7533;	#	田 → 申	KANGXI RADICAL FIELD;
2F65;	5;	102;	7534;	#	田 → 𠄎	KANGXI RADICAL FIELD;
2F65;	5;	102;	7535;	#	田 → 电	KANGXI RADICAL FIELD;
2F65;	8;	102;	24C12;	#	田 → 命	KANGXI RADICAL FIELD;
2F66;	5;	103;	758B;	#	疋 → 疋	KANGXI RADICAL BOLT OF CLOTH;
2EAA;	5;	103;	758B;	#	疋 → 疋	CJK RADICAL BOLT OF CLOTH;
2F66;	5;	103;	24D13;	#	疋 → 疋	KANGXI RADICAL BOLT OF CLOTH;
2EAA;	5;	103;	24D14;	#	疋 → 疋	CJK RADICAL BOLT OF CLOTH;
2F67;	5;	104;	7592;	#	疒 → 疒	KANGXI RADICAL SICKNESS;
2F68;	5;	105;	7676;	#	𠄎 → 𠄎	KANGXI RADICAL DOTTED TENT;
2F69;	5;	106;	767D;	#	白 → 白	KANGXI RADICAL WHITE;
2F6A;	5;	107;	76AE;	#	皮 → 皮	KANGXI RADICAL SKIN;
2F6B;	5;	108;	76BF;	#	皿 → 皿	KANGXI RADICAL DISH;
2F6C;	5;	109;	76EE;	#	目 → 目	KANGXI RADICAL EYE;
2EAB;	5;	109;	76EE;	#	目 → 目	CJK RADICAL EYE;
2EAB;	5;	109;	7F52;	#	目 → 目	CJK RADICAL EYE;
2F6D;	5;	110;	77DB;	#	矛 → 矛	KANGXI RADICAL SPEAR;
2F6E;	5;	111;	77E2;	#	矢 → 矢	KANGXI RADICAL ARROW;
2F6F;	5;	112;	77F3;	#	石 → 石	KANGXI RADICAL STONE;
2F70;	5;	113;	793A;	#	示 → 示	KANGXI RADICAL SPIRIT;
2EAC;	5;	113;	793A;	#	示 → 示	CJK RADICAL SPIRIT ONE;
2EAD;	4;	113;	793B;	#	示 → 示	CJK RADICAL SPIRIT TWO;
2F70;	4;	113;	25605;	#	示 → 示	KANGXI RADICAL SPIRIT;
2F71;	4;	114;	79B8;	#	肉 → 肉	KANGXI RADICAL TRACK;
2F72;	5;	115;	79BE;	#	禾 → 禾	KANGXI RADICAL GRAIN;
2F72;	5;	115;	2574C;	#	禾 → 禾	KANGXI RADICAL GRAIN;
2F73;	5;	116;	7A74;	#	穴 → 穴	KANGXI RADICAL CAVE;
2F73;	5;	116;	25922;	#	穴 → 宀	KANGXI RADICAL CAVE;
2F74;	5;	117;	7ACB;	#	立 → 立	KANGXI RADICAL STAND;
2F75;	6;	118;	7AF9;	#	竹 → 竹	KANGXI RADICAL BAMBOO;
2EAE;	6;	118;	7AF9;	#	竹 → 竹	CJK RADICAL BAMBOO;
2EAE;	6;	118;	25AD7;	#	竹 → 竹	CJK RADICAL BAMBOO;

2F76;	6;	119;	7C73;	#	米 → 米	KANGXI RADICAL RICE;
2F77;	6;	120;	7CF8;	#	糸 → 糸	KANGXI RADICAL SILK;
2EAF;	6;	120;	7CF9;	#	糸 → 糸	CJK RADICAL SILK;
2EB0;	3;	120';	7E9F;	#	纟 → 纟	CJK RADICAL C-SIMPLIFIED SILK;
2F78;	6;	121;	7F36;	#	缶 → 缶	KANGXI RADICAL JAR;
2F78;	7, 6;	121;	26222;	#	缶 → 缶	KANGXI RADICAL JAR;
2F79;	6;	122;	7F51;	#	网 → 网	KANGXI RADICAL NET;
2EB1;	4;	122;	7F53;	#	𦉳 → 𦉳	CJK RADICAL NET ONE;
2EB2;	5;	122;	7F52;	#	𦉴 → 𦉴	CJK RADICAL NET TWO;
2EB3;	6;	122;	7F51;	#	𦉵 → 网	CJK RADICAL NET THREE;
2EB4;	6;	122;	7F51;	#	𦉶 → 网	CJK RADICAL NET FOUR;
2EB5;	4;	122;	2626B;	#	𦉷 → 𦉷	CJK RADICAL MESH;
2F79;	5;	122;	434F;	#	网 → 𦉸	KANGXI RADICAL NET;
2EB3;	4;	122;	2626A;	#	𦉶 → 𦉸	CJK RADICAL NET THREE;
2F79;	6;	122;	2626D;	#	网 → 𦉹	KANGXI RADICAL NET;
2F79;	5;	122;	26270;	#	网 → 𦉺	KANGXI RADICAL NET;
2EB3;	4;	122;	34C1;	#	𦉶 → 𦉻	CJK RADICAL NET THREE;
2F79;	4;	122;	2053F;	#	网 → 𦉼	KANGXI RADICAL NET;
2F7A;	6;	123;	7F8A;	#	羊 → 羊	KANGXI RADICAL SHEEP;
2EB6;	6;	123;	7F8A;	#	𦍋 → 羊	CJK RADICAL SHEEP;
2EB7;	6;	123;	7F8A;	#	𦍌 → 羊	CJK RADICAL RAM;
2EB8;	8;	123;	7F8B;	#	𦍍 → 𦍍	CJK RADICAL EWE;
2EB8;	7;	123;	2634B;	#	𦍍 → 𦍍	CJK RADICAL EWE;
2EB7;	6;	123;	2634C;	#	𦍎 → 𦍎	CJK RADICAL RAM;
2EB6;	5;	123;	2634D;	#	𦍇 → 𦍇	CJK RADICAL SHEEP;
2F7B;	6;	124;	7FBD;	#	羽 → 羽	KANGXI RADICAL FEATHER;
2F7C;	6;	125;	8001;	#	老 → 老	KANGXI RADICAL OLD;
2EB9;	4;	125;	8002;	#	𠂇 → 𠂇	CJK RADICAL OLD;
2F7C;	6;	125;	8003;	#	老 → 考	KANGXI RADICAL OLD;
2F7D;	6;	126;	800C;	#	而 → 而	KANGXI RADICAL AND;
2F7D;	5;	126;	264D0;	#	而 → 𠂉	KANGXI RADICAL AND;
2F7E;	6;	127;	8012;	#	耒 → 耒	KANGXI RADICAL PLOW;
2F7E;	6;	127;	264E4;	#	耒 → 耒	KANGXI RADICAL PLOW;
2F7F;	6;	128;	8033;	#	耳 → 耳	KANGXI RADICAL EAR;
2F80;	6;	129;	807F;	#	聿 → 聿	KANGXI RADICAL BRUSH;
2EBA;	4;	129;	8080;	#	聿 → 聿	CJK RADICAL BRUSH ONE;
2EBB;	6;	129;	807F;	#	聿 → 聿	CJK RADICAL BRUSH TWO;
2F80;	5;	129;	26612;	#	聿 → 聿	KANGXI RADICAL BRUSH;
2F81;	6;	130;	8089;	#	肉 → 肉	KANGXI RADICAL MEAT;
2EBC;	6;	130;	8089;	#	月 → 肉	CJK RADICAL MEAT;

2F82;	6, 7;	131;	81E3;	#	臣	→	臣	KANGXI RADICAL MINISTER;
2F82;	7;	131;	268DE;	#	臣	→	臣	KANGXI RADICAL MINISTER;
2F82;	7;	131;	268DD;	#	臣	→	臣	KANGXI RADICAL MINISTER;
2F83;	6;	132;	81EA;	#	自	→	自	KANGXI RADICAL SELF;
2F83;	6;	132;	268F9;	#	自	→	自	KANGXI RADICAL SELF;
2F84;	6;	133;	81F3;	#	至	→	至	KANGXI RADICAL ARRIVE;
2F84;	7;	133;	26933;	#	至	→	至	KANGXI RADICAL ARRIVE;
2F84;	8;	133;	26934;	#	至	→	至	KANGXI RADICAL ARRIVE;
2F85;	6;	134;	81FC;	#	臼	→	臼	KANGXI RADICAL MORTAR;
2EBD;	6;	134;	81FC;	#	臼	→	臼	CJK RADICAL MORTAR;
2EBD;	7;	134;	26951;	#	臼	→	臼	CJK RADICAL MORTAR;
2F85;	8;	134;	26952;	#	臼	→	臼	KANGXI RADICAL MORTAR;
2F85;	5;	134;	26953;	#	臼	→	臼	KANGXI RADICAL MORTAR;
2F86;	6;	135;	820C;	#	舌	→	舌	KANGXI RADICAL TONGUE;
2F87;	6, 7;	136;	821B;	#	舛	→	舛	KANGXI RADICAL OPPOSE;
2F88;	6;	137;	821F;	#	舟	→	舟	KANGXI RADICAL BOAT;
2F88;	6;	137;	200A8;	#	舟	→	舟	KANGXI RADICAL BOAT;
2F89;	6;	138;	826E;	#	艮	→	艮	KANGXI RADICAL STOPPING;
2F8A;	6;	139;	8272;	#	色	→	色	KANGXI RADICAL COLOR;
2F8B;	6;	140;	8278;	#	艸	→	艸	KANGXI RADICAL GRASS;
2EBE;	3;	140;	8279;	#	艸	→	艸	CJK RADICAL GRASS ONE;
2EBF;	4;	140;	8279;	#	艸	→	艸	CJK RADICAL GRASS TWO;
2EC0;	4;	140;	8279;	#	艸	→	艸	CJK RADICAL GRASS THREE;
2EBE;	3;	140;	4491;	#	艸	→	艸	CJK RADICAL GRASS ONE;
2F8C;	6;	141;	864D;	#	虍	→	虍	KANGXI RADICAL TIGER;
2EC1;	8;	141;	864E;	#	虎	→	虎	CJK RADICAL TIGER;
2F8D;	6;	142;	866B;	#	虫	→	虫	KANGXI RADICAL INSECT;
2F8E;	6;	143;	8840;	#	血	→	血	KANGXI RADICAL BLOOD;
2F8F;	6;	144;	884C;	#	行	→	行	KANGXI RADICAL WALK ENCLOSURE;
2F90;	6;	145;	8863;	#	衣	→	衣	KANGXI RADICAL CLOTHES;
2EC2;	5;	145;	8864;	#	衤	→	衤	CJK RADICAL CLOTHES;
2F90;	4;	145;	27607;	#	衣	→	衣	KANGXI RADICAL CLOTHES;
2F91;	6;	146;	897E;	#	西	→	西	KANGXI RADICAL WEST;
2EC3;	6;	146;	8980;	#	西	→	西	CJK RADICAL WEST ONE;
2EC4;	6;	146;	897F;	#	西	→	西	CJK RADICAL WEST TWO;
2F92;	7;	147;	898B;	#	見	→	見	KANGXI RADICAL SEE;
2EC5;	4;	147;	89C1;	#	见	→	见	CJK RADICAL C-SIMPLIFIED SEE;

2F93;	7;	148;	89D2;	#	角 → 角	KANGXI RADICAL HORN;
2EC6;	7;	148';	89D2;	#	角 → 角	CJK RADICAL SIMPLIFIED HORN;
2EC7;	8;	148;	278B2;	#	肉 → 肉	CJK RADICAL HORN;
2F94;	7;	149;	8A00;	#	言 → 言	KANGXI RADICAL SPEECH;
2F94;	7;	149;	8A01;	#	言 → 言	KANGXI RADICAL SPEECH;
2F94;	6;	149;	2795B;	#	言 → 言	KANGXI RADICAL SPEECH;
2F94;	6;	149;	2795C;	#	言 → 言	KANGXI RADICAL SPEECH;
2EC8;	2;	149';	8BA0;	#	讠 → 讠	CJK RADICAL C-SIMPLIFIED SPEECH;
2F95;	7;	150;	8C37;	#	谷 → 谷	KANGXI RADICAL VALLEY;
2F95;	7;	150;	27BAB;	#	谷 → 谷	KANGXI RADICAL VALLEY;
2F96;	7;	151;	8C46;	#	豆 → 豆	KANGXI RADICAL BEAN;
2F97;	7;	152;	8C55;	#	豕 → 豕	KANGXI RADICAL PIG;
2F97;	6;	152;	27C27;	#	豕 → 豕	KANGXI RADICAL PIG;
2F97;	6;	152;	27C28;	#	豕 → 豕	KANGXI RADICAL PIG;
2F98;	7;	153;	8C78;	#	豸 → 豸	KANGXI RADICAL BADGER;
2F99;	7;	154;	8C9D;	#	貝 → 貝	KANGXI RADICAL SHELL;
2EC9;	4;	154';	8D1D;	#	贝 → 贝	CJK RADICAL C-SIMPLIFIED SHELL;
2F9A;	7;	155;	8D64;	#	赤 → 赤	KANGXI RADICAL RED;
2F9B;	7;	156;	8D70;	#	走 → 走	KANGXI RADICAL RUN;
2F9B;	6;	156;	8D71;	#	走 → 走	KANGXI RADICAL RUN;
2F9B;	8;	156;	27E86;	#	走 → 走	KANGXI RADICAL RUN;
2F9C;	7;	157;	8DB3;	#	足 → 足	KANGXI RADICAL FOOT;
2ECA;	7;	157;	8DB3;	#	足 → 足	CJK RADICAL FOOT;
2ECA;	7;	157;	27FB7;	#	足 → 足	CJK RADICAL FOOT;
2F9D;	7;	158;	8EAB;	#	身 → 身	KANGXI RADICAL BODY;
2F9D;	4;	158;	2820F;	#	身 → 身	KANGXI RADICAL BODY;
2F9D;	4;	158;	28210;	#	身 → 身	KANGXI RADICAL BODY;
2F9D;	6;	158;	28211;	#	身 → 身	KANGXI RADICAL BODY;
2F9E;	7;	159;	8ECA;	#	車 → 車	KANGXI RADICAL CART;
2ECB;	4;	159';	8F66;	#	车 → 车	CJK RADICAL C-SIMPLIFIED CART;
2F9F;	7;	160;	8F9B;	#	辛 → 辛	KANGXI RADICAL BITTER;
2F9F;	7;	160;	2840B;	#	辛 → 辛	KANGXI RADICAL BITTER;
2FA0;	7;	161;	8FB0;	#	辰 → 辰	KANGXI RADICAL MORNING;
2FA0;	7;	161;	28443;	#	辰 → 辰	KANGXI RADICAL MORNING;
2FA0;	8;	161;	28444;	#	辰 → 辰	KANGXI RADICAL MORNING;
2FA1;	7;	162;	8FB5;	#	辵 → 辵	KANGXI RADICAL WALK;

2ECD; 4;	162;	8FB6;	#	辵 → 辵	CJK RADICAL WALK ONE;
2ECE; 4,3;	162;	8FB6;	#	辵 → 辵	CJK RADICAL WALK TWO;
2FA1; 4;	162;	20507;	#	辵 → 辵	KANGXI RADICAL WALK;
2ECC; 3,4;	162';	8FB6;	#	辵 → 辵	CJK RADICAL SIMPLIFIED WALK;
2FA2; 7;	163;	9091;	#	邑 → 邑	KANGXI RADICAL CITY;
2ECF; 7;	163;	9091;	#	阝 → 邑	CJK RADICAL CITY;
2FA2; 7;	163;	28668;	#	邑 → 邑	KANGXI RADICAL CITY;
2FA3; 7;	164;	9149;	#	酉 → 酉	KANGXI RADICAL WINE;
2FA4; 7;	165;	91C6;	#	采 → 采	KANGXI RADICAL DISTINGUISH;
2FA5; 7;	166;	91CC;	#	里 → 里	KANGXI RADICAL VILLAGE;
2FA6; 8;	167;	91D1;	#	金 → 金	KANGXI RADICAL GOLD;
2FA6; 8;	167;	91D2;	#	金 → 金	KANGXI RADICAL GOLD;
2ED0; 5;	167';	9485;	#	钅 → 钅	CJK RADICAL C-SIMPLIFIED GOLD;
2FA7; 8;	168;	9577;	#	長 → 長	KANGXI RADICAL LONG;
2ED1; 8;	168;	9577;	#	長 → 長	CJK RADICAL LONG ONE;
2ED2; 7;	168;	9578;	#	長 → 長	CJK RADICAL LONG TWO;
2FA7; 8;	168;	28C57;	#	長 → 長	KANGXI RADICAL LONG;
2FA7; 7;	168;	28C58;	#	長 → 𠂔	KANGXI RADICAL LONG;
2ED3; 4;	168';	957F;	#	长 → 长	CJK RADICAL C-SIMPLIFIED LONG;
2FA8; 8;	169;	9580;	#	門 → 門	KANGXI RADICAL GATE;
2FA8; 7;	169;	28CC7;	#	門 → 門	KANGXI RADICAL GATE;
2FA8; 8;	169;	28CC8;	#	門 → 𠂔	KANGXI RADICAL GATE;
2FA8; 3;	169;	95E8;	#	門 → 门	KANGXI RADICAL GATE;
2ED4; 3;	169';	95E8;	#	门 → 门	CJK RADICAL C-SIMPLIFIED GATE;
2FA9; 8;	170;	961C;	#	阜 → 阜	KANGXI RADICAL MOUND;
2ED5; 8;	170;	28E0F;	#	阜 → 阜	CJK RADICAL MOUND ONE;
2ED6; 3;	170;	961D;	#	阝 → 阝	CJK RADICAL MOUND TWO;
2FAA; 8;	171;	96B6;	#	隶 → 隶	KANGXI RADICAL SLAVE;
2FAB; 8;	172;	96B9;	#	隹 → 隹	KANGXI RADICAL SHORT TAILED BIRD;
2FAC; 8;	173;	96E8;	#	雨 → 雨	KANGXI RADICAL RAIN;
2ED7; 8;	173;	96E8;	#	雨 → 雨	CJK RADICAL RAIN;
2FAD; 8;	174;	9751;	#	青 → 青	KANGXI RADICAL BLUE;
2ED8; 8;	174;	9752;	#	青 → 青	CJK RADICAL BLUE;
2FAE; 8;	175;	975E;	#	非 → 非	KANGXI RADICAL WRONG;
2FAF; 9;	176;	9762;	#	面 → 面	KANGXI RADICAL FACE;
2FAF; 8;	176;	9763;	#	面 → 面	KANGXI RADICAL FACE;

2FAF; 9;	176; 20691;	#	面 → 面	KANGXI RADICAL FACE;
2FB0; 9;	177; 9769;	#	革 → 革	KANGXI RADICAL LEATHER;
2FB1; 9, 10;	178; 97CB;	#	韋 → 韋	KANGXI RADICAL TANNED LEATHER;
2ED9; 4;	178'; 97E6;	#	韦 → 韦	CJK RADICAL C-SIMPLIFIED TANNED LEATHER;
2FB2; 9;	179; 97ED;	#	韭 → 韭	KANGXI RADICAL LEEK;
2FB3; 9;	180; 97F3;	#	音 → 音	KANGXI RADICAL SOUND;
2FB4; 9;	181; 9801;	#	頁 → 頁	KANGXI RADICAL LEAF;
2FB4; 9;	181; 2944B;	#	頁 → 覓	KANGXI RADICAL LEAF;
2EDA; 6;	181'; 9875;	#	页 → 页	CJK RADICAL C-SIMPLIFIED LEAF;
2FB5; 9, 10;	182; 98A8;	#	風 → 風	KANGXI RADICAL WIND;
2EDB; 4;	182'; 98CE;	#	风 → 风	CJK RADICAL C-SIMPLIFIED WIND;
2FB6; 9;	183; 98DB;	#	飛 → 飛	KANGXI RADICAL FLY;
2FB6; 10;	183; 29671;	#	飛 → 飛	KANGXI RADICAL FLY;
2EDC; 3;	183'; 98DE;	#	飞 → 飞	CJK RADICAL C-SIMPLIFIED FLY;
2FB7; 9;	184; 98DF;	#	食 → 食	KANGXI RADICAL EAT;
2EDD; 9;	184; 98DF;	#	食 → 食	CJK RADICAL EAT ONE;
2EDE; 9;	184; 2967F;	#	食 → 食	CJK RADICAL EAT TWO;
2EDF; 8;	184; 98E0;	#	食 → 食	CJK RADICAL EAT THREE;
2FB7; 11;	184; 202D1;	#	食 → 食	KANGXI RADICAL EAT;
2FB7; 10;	184; 29680;	#	食 → 食	KANGXI RADICAL EAT;
2FB7; 9;	184; 29681;	#	食 → 食	KANGXI RADICAL EAT;
2FB7; 9;	184; 29683;	#	食 → 食	KANGXI RADICAL EAT;
2EE0; 3;	184'; 9963;	#	饣 → 饣	CJK RADICAL C-SIMPLIFIED EAT;
2FB8; 9;	185; 9996;	#	首 → 首	KANGXI RADICAL HEAD;
2EE1; 10;	185; 29810;	#	首 → 首	CJK RADICAL HEAD;
2FB9; 9;	186; 9999;	#	香 → 香	KANGXI RADICAL FRAGRANT;
2FBA; 10;	187; 99AC;	#	馬 → 馬	KANGXI RADICAL HORSE;
2FBA; 11;	187; 29867;	#	馬 → 馬	KANGXI RADICAL HORSE;
2FBA; 7;	187; 2B809;	#	馬 → 馬	KANGXI RADICAL HORSE;
2EE2; 3;	187'; 9A6C;	#	马 → 马	CJK RADICAL C-SIMPLIFIED HORSE;
2FBB; 10;	188; 9AA8;	#	骨 → 骨	KANGXI RADICAL BONE;
2EE3; 9;	188'; 9AA8;	#	骨 → 骨	CJK RADICAL BONE;
2FBC; 10;	189; 9AD8;	#	高 → 高	KANGXI RADICAL TALL;
2FBC; 11;	189; 9AD9;	#	高 → 高	KANGXI RADICAL TALL;

2FBD; 10;	190;	9ADF;	#	彡 → 彡	KANGXI RADICAL HAIR;
2FBE; 10;	191;	9B25;	#	鬥 → 鬥	KANGXI RADICAL FIGHT;
2FBE; 5;	191;	29C0A;	#	鬥 → 𪔐	KANGXI RADICAL FIGHT;
2FBE; 5;	191;	29C0B;	#	鬥 → 𪔑	KANGXI RADICAL FIGHT;
2FBF; 10;	192;	9B2F;	#	鬯 → 鬯	KANGXI RADICAL SACRIFICIAL WINE;
2FC0; 10;	193;	9B32;	#	鬲 → 鬲	KANGXI RADICAL CAULDRON;
2FC1; 10;	194;	9B3C;	#	鬼 → 鬼	KANGXI RADICAL GHOST;
2EE4; 10;	194;	9B3C;	#	鬼 → 鬼	CJK RADICAL GHOST;
2FC2; 11;	195;	9B5A;	#	魚 → 魚	KANGXI RADICAL FISH;
2FC2; 13;	195;	242F3;	#	魚 → 𩺰	KANGXI RADICAL FISH;
2FC2; 10;	195;	29D4B;	#	魚 → 𩺱	KANGXI RADICAL FISH;
2EE5; 8;	195';	9C7C;	#	鱼 → 鱼	CJK RADICAL C-SIMPLIFIED FISH;
2FC3; 11;	196;	9CE5;	#	鳥 → 鳥	KANGXI RADICAL BIRD;
2FC3; 8;	196;	2B813;	#	鳥 → 𪇑	KANGXI RADICAL BIRD;
2EE6; 5;	196';	9E1F;	#	鸟 → 鸟	CJK RADICAL C-SIMPLIFIED BIRD;
2FC4; 11;	197;	9E75;	#	鹵 → 鹵	KANGXI RADICAL SALT;
2FC4; 10;	197;	209F8;	#	鹵 → 鹵	KANGXI RADICAL SALT;
2EE7; 7;	197';	5364;	#	鹵 → 鹵	CJK RADICAL C-SIMPLIFIED SALT;
2FC5; 11;	198;	9E7F;	#	鹿 → 鹿	KANGXI RADICAL DEER;
2FC5; 11;	198;	22256;	#	鹿 → 麀	KANGXI RADICAL DEER;
2FC6; 11;	199;	9EA5;	#	麥 → 麥	KANGXI RADICAL WHEAT;
2EE8; 7;	199';	9EA6;	#	麦 → 麦	CJK RADICAL SIMPLIFIED WHEAT;
2FC7; 11;	200;	9EBB;	#	麻 → 麻	KANGXI RADICAL HEMP;
2FC8; 11, 12;	201;	9EC3;	#	黃 → 黃	KANGXI RADICAL YELLOW;
2EE9; 11;	201';	9EC4;	#	黄 → 黄	CJK RADICAL SIMPLIFIED YELLOW;
2FC9; 12;	202;	9ECD;	#	黍 → 黍	KANGXI RADICAL MILLET;
2FCA; 12;	203;	9ED1;	#	黑 → 黑	KANGXI RADICAL BLACK;
2FCA; 11;	203;	9ED2;	#	黑 → 黑	KANGXI RADICAL BLACK;
2FCA; 14;	203;	2A417;	#	黑 → 𪇗	KANGXI RADICAL BLACK;
2FCB; 12, 13;	204;	9EF9;	#	黹 → 黹	KANGXI RADICAL EMBROIDERY;
2FCC; 13;	205;	9EFD;	#	黾 → 黾	KANGXI RADICAL FROG;
2EEA; 8;	205';	9EFE;	#	黾 → 黾	CJK RADICAL C-SIMPLIFIED FROG;



2FCD; 13;	206;	9F0E;	#	鼎 → 鼎	KANGXI RADICAL TRIPOD;
2FCD; 11;	206;	2A502;	#	鼎 → 鼎	KANGXI RADICAL TRIPOD;
2FCE; 13;	207;	9F13;	#	鼓 → 鼓	KANGXI RADICAL DRUM;
2FCE; 13;	207;	9F14;	#	鼓 → 鼓	KANGXI RADICAL DRUM;
2FCE; 14;	207;	21537;	#	鼓 → 鼓	KANGXI RADICAL DRUM;
2FCF; 13;	208;	9F20;	#	鼠 → 鼠	KANGXI RADICAL RAT;
2FCF; 8;	208;	9F21;	#	鼠 → 鼠	KANGXI RADICAL RAT;
2FD0; 14;	209;	9F3B;	#	鼻 → 鼻	KANGXI RADICAL NOSE;
2FD1; 14;	210;	9F4A;	#	齊 → 齊	KANGXI RADICAL EVEN;
2EEB; 8;	210;	6589;	#	齊 → 齊	CJK RADICAL J-SIMPLIFIED EVEN;
2FD1; 12;	210;	2A5C4;	#	齊 → 齊	KANGXI RADICAL EVEN;
2FD1; 14;	210;	2CE71;	#	齊 → □	KANGXI RADICAL EVEN;
2EEC; 6;	210';	9F50;	#	齊 → 齊	CJK RADICAL C-SIMPLIFIED EVEN;
2FD2; 15;	211;	9F52;	#	齒 → 齒	KANGXI RADICAL TOOTH;
2EED; 12;	211;	6B6F;	#	齒 → 齒	CJK RADICAL J-SIMPLIFIED TOOTH;
2FD2; 12;	211;	2398B;	#	齒 → 齒	KANGXI RADICAL TOOTH;
2EEE; 8;	211';	9F7F;	#	齿 → 齿	CJK RADICAL C-SIMPLIFIED TOOTH;
2FD3; 16;	212;	9F8D;	#	龍 → 龍	KANGXI RADICAL DRAGON;
2EEF; 10;	212;	7ADC;	#	竜 → 竜	CJK RADICAL J-SIMPLIFIED DRAGON;
2EF0; 5;	212';	9F99;	#	龙 → 龙	CJK RADICAL C-SIMPLIFIED DRAGON;
2FD4; 16;	213;	9F9C;	#	龜 → 龜	KANGXI RADICAL TURTLE;
2EF1; 16;	213;	9F9C;	#	龜 → 龜	CJK RADICAL TURTLE;
2FD4; 19;	213;	2A6A6;	#	龜 → 龜	KANGXI RADICAL TURTLE;
2EF2; 11;	213;	4E80;	#	龜 → 龜	CJK RADICAL J-SIMPLIFIED TURTLE;
2EF3; 7;	213';	9F9F;	#	龟 → 龟	CJK RADICAL C-SIMPLIFIED TURTLE;
2EF2; 9;	213;	2A6C9;	#	龜 → 龟	CJK RADICAL J-SIMPLIFIED TURTLE;
2EF2; 13;	213;	2CE9E;	#	龜 → □	CJK RADICAL J-SIMPLIFIED TURTLE;
2FD5; 17;	214;	9FA0;	#	龠 → 龠	KANGXI RADICAL FLUTE;

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